US SILICA®

2022

COMMUNITY

INTEGRITY

RESPECT

SAFETY

SUSTAINABILITY REPORT

TABLE OF CONTENTS

LETTER FROM THE CEO


Bryan Shinn signing the wall at the NYSE

2022 was an exceptionally strong and momentous year for U.S. Silica. The Company celebrated its 10-year anniversary of being publicly listed on the New York Stock Exchange and we successfully executed our strategic plan, delivering impressive financial and operational results, thereby strengthening our balance sheet and positioning the Company for future success.

Our ongoing efficiency improvements are helping our sustainability efforts, and we reported a 5% year-over-year reduction in total greenhouse gas emissions on a per ton basis. We also reported another year of record safety rates; expanded our diversity, inclusion, and belonging efforts; increased revenues generated by products that we consider sustainable and environmentally beneficial to society; and further enhanced our sustainability reporting.

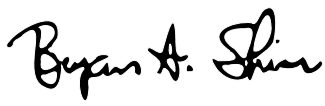
Safety is one of our core values at U.S. Silica and we are proud of our strong safety culture and commitment to training. In 2022, we achieved our safest year in Company history, realizing a 9% year-over-year improvement in our Total Reportable Incident Rate (TRIR). We also made strides to improve our corporate culture, increasing our ethnic and minority representation, and expanding our employee resource group participation to 8% of the total company.

At U.S. Silica, we endeavor to be a leader in the transition to a more sustainable future. Our research and development efforts have advanced the innovation of new products directed towards the biomedical, construction, and renewable energy industries. In 2022, 11% of our Industrial and Specialty Products revenues, an increase of 6% year-over-year, were generated by products that we consider sustainable and environmentally beneficial to society.

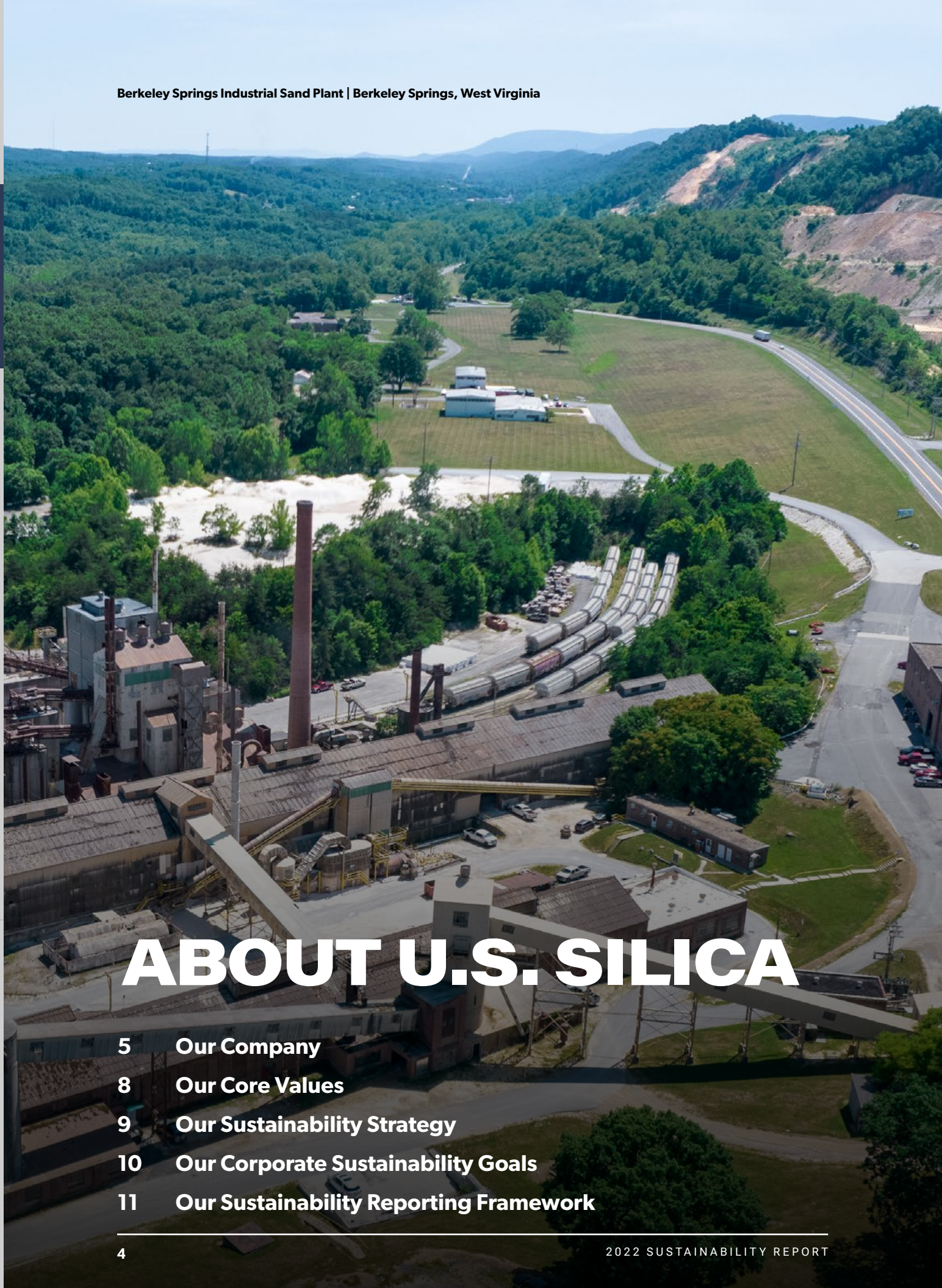
We continue to advance and enhance our corporate sustainability practices. For the 2022 sustainability report, we incorporated discussions regarding the Company's governance and strategy around climate-related risks and opportunities and began to map our sustainability efforts and priorities to the United Nations Sustainable Development Goals. Additionally, we conducted our first materiality assessment to help us define our material priorities and topic areas to advance our comprehensive approach to managing environmental, social, and governance impacts.

This was also our second year of a three-year data collection process, specifically for greenhouse gas emissions, water, and waste data, for the establishment of baseline values for future reduction targets. By creating a reasonable baseline for these measures, we can be more thoughtful in how we responsibly design our roadmap to achieve these future goals. In conjunction with gathering this baseline data, we have engaged a third-party to provide pre-assurance of these selected sustainability metrics and assess that they are fairly presented in accordance with the appropriate reporting criteria. We look forward to setting targets in the 2023 sustainability report.

Lastly, I am very proud of our team's accomplishments in 2022. We successfully expanded our market leading positions during the year and delivered on our strategy to strengthen the Company. I'd like to thank our employees, customers, communities, and other stakeholders for their continued support of U.S. Silica. We are committed to living our core values and will continue to focus on practicing safe production and environmentally conscious and sustainable business practices.



Chief Executive Officer



Berkeley Springs Industrial Sand Plant | Berkeley Springs, West Virginia

ABOUT U.S. SILICA

ABOUT U.S. SILICA

OUR COMPANY

U.S. Silica (NYSE: SLCA) is a diversified global performance materials company and a leading producer of commercial silica used in a variety of industrial applications, including the oil and gas industry.

Our core competencies include surface mining, processing, logistics, and material science with a rich 123-year history. We operate two diverse business segments. Our Industrial and Specialty Product segment ("ISP") provides products that are used in renewable energy, building and construction, as fillers and extenders, for filtration, glassmaking, foundry, as absorbents, and in sports and recreation. Our Oil and Gas Proppants ("Oil & Gas") segment provides proppant and last-mile logistics to the onshore U.S. oil and gas industry.

$563.5M
Industrial & Specialty Products

$961.7M
Oil & Gas

$170.3M
Industrial & Specialty Products

$301.8M
Oil & Gas

$1.5B Total Revenue

$353.6M Adjusted EBITDA

Our company was founded on innovation, and we have been diligently growing our ISP portfolio over the years. We offer a diverse range of products that not only promote sustainability in our own operations, but also extend sustainable benefits to our customers' operations and communities, by enabling the transition to cleaner energy sources and leaving a positive impact on the environment.

SOLAR ENERGY

We offer Solar Energy solutions with our low-iron specialty silica, used to produce a glass that can better transmit the sun's energy to solar panel cells.

WIND POWER

We enable Wind Power advancements with our ground silica product offering, a critical component in specialty fiberglass for wind turbine blades.

GREEN DIESEL

The diatomaceous earth and clays we supply are key processing aids in the production of Green Diesel, a clean-burning, sustainable substitute for petroleum diesel.

FOOD SAFETY

Our diatomaceous earth filtration products comply with the USFCC Food Safety standards which limits heavy metals in the food and beverage supply chain.

LOWER AUTO EMISSIONS

Our specialty-ground silica products are used to create products that Lower Auto Emissions in both personal and commercial vehicles.

LOWER ENERGY CONSUMPTION

Our proprietary cool roof granules are used in roofing systems to increase solar reflectance, leading to Lower Energy Consumption for buildings.

ABOUT U.S. SILICA

OUR LOCATIONS

As of December 31, 2022, we had 27 operating mines and processing facilities and two additional exploration stage properties across the United States where we mine and process commercial and high-quality silica, diatomaceous earth, clay, and perlite. Our geographic footprint and logistics capabilities also provide strategic transportation advantages as they afford us the ability to reach broader market segments.

- INDUSTRIAL & SPECIALTY
- OIL & GAS
- DUAL - O&G AND INDUSTRIAL
- OFFICES
- TRANSLOADS
- SANDBOX

ABOUT U.S. SILICA

OUR CORE VALUES

Our core values define the U.S. Silica culture and shape our business.

RESPECT

We treat each other with respect and dignity.

- Empower employees to improve personal health and well-being
- Create an environment of inclusion across our organization and throughout our supply chain

INTEGRITY

We act with honesty and integrity.

- Increase the number of sustainable product offerings
- Protect air and water quality in and around our communities
- Secure cyber networks to protect our employees, customers, and stakeholders

SAFETY

We ensure the safety of our people and the environment.

- Maintain industry leading EHS programs and manager development
- Achieve zero reportable and lost-time incidents
- Minimize GHG emissions by reducing fuel and electricity usage at our plants

COMMUNITY

We operate in our communities as good neighbors.

- Increase charitable donations to organizations that support our community
- Actively seek opportunities for volunteering and community engagement

Berkeley Springs Team | Berkeley Springs, West Virginia

ABOUT U.S. SILICA

OUR SUSTAINABILITY STRATEGY

At U.S. Silica, we endeavor to be a leader in the transition to a more sustainable future.

Throughout our organization, our efforts and initiatives take into consideration best practices related to environmental management across our footprint, the social welfare of our employees and communities in which we operate, and corporate governance. Environmentally, we are focused on minimizing greenhouse gas emissions by reducing fuel and electricity usage at our plants. We strive to protect air quality and mitigate water usage in and around our communities, conserve habitats, and execute customized reclamation plans. Socially, we are committed to maintaining industry-leading environmental, health, and safety programs with the aim to achieve zero reportable and lost-time incidents through continuous and comprehensive safety training. Additionally, we pledge to emphasize diversity and inclusion throughout our workforce, Board of Directors, and supply chain. Regarding our company's governance practices, we embrace our ability to innovate sustainable product offerings that promote the transition to clean energy and look to assist our customers in reducing their carbon footprint through offerings that increase their sustainability propositions. We recognize that our commitment to the management of environmental, social, and governance factors contributes to our company's long-term financial stability in addition to being a good corporate citizen.

CORPORATE RESPONSIBILITY

Leading the Transition to a More Sustainable Future

E

- Minimize GHG emissions by reducing fuel and electricity usage at our plants.
- Protect air quality and mitigate water use in and around our communities.
- Conserve habitats and execute customized reclamation plans.

S

- Maintain industry leading Environmental, Health & Safety programs with goals to achieve zero reportable and lost-time incidents through comprehensive safety training.
- Focus on diversity and inclusion amongst our workforce, Board of Directors, and our supply chain.

G

- Innovate sustainable product offerings that promote the transition to clean energy.
- Assist customers in reducing their carbon footprint through offerings that increase sustainability propositions.

ABOUT U.S. SILICA

OUR CORPORATE SUSTAINABILITY GOALS

We hold ourselves accountable to progress and work together to identify new opportunities for growth year after year.

We define success from many different viewpoints, with our newly established short and long-term sustainability goals serving as the roadmap for the evolution of our company. While our goals outline the company's vision to improve our environmental, social, and governance performance, our targets help us measure growth and plan for the years ahead.

Baseline data collection is in process. We look forward to setting targets in 2023.

GOAL 1

Report annual safety metrics that are 4x better than the OSHA industry average and 2x better than MSHA Metal/Nonmetal industry average (TRIR, LTR)

PROGRESS GOAL ACHIEVED IN 2022

GOAL 2

Double the amount of ISP revenue generated from products considered environmentally beneficial to society* by 2026

PROGRESS INCREASED 6% IN 2022

GOAL 3

100% of U.S. Silica mine locations will be active participants in a local, state, or federal habitat conservation organization by 2026

PROGRESS 25% OF MINES PARTICIPATING CURRENTLY

GOAL 4

Increase female and racial/ethnic minority representation across management roles by 10% by 2026

PROGRESS RACIAL/ETHNIC MINORITY REPRESENTATION INCREASED 2% IN 2022

GOAL 5

Maintain supplier diversity spend levels above the national average for the manufacturing industry.

PROGRESS GOAL ACHIEVED IN 2022

* Products considered environmentally beneficial to society include raw materials for wind turbines and solar panels, products that reduce energy and water consumption, filter aids for green diesel and particulate emission filters, lightweight fillers that reduce logistics carbon footprints, and waste products that are recycled and reused.

ABOUT U.S. SILICA

OUR SUSTAINABILITY REPORTING FRAMEWORK

We align our sustainability reporting and disclosures with leading standards and framework organizations. We believe that aligning and engaging with leading sustainability organizations enables us to increase our ESG awareness, adapt our protocols for evolving best practices, and enhance our reporting to further advance our sustainability impact.

SUSTAINABILITY ACCOUNTING STANDARDS BOARD (SASB)

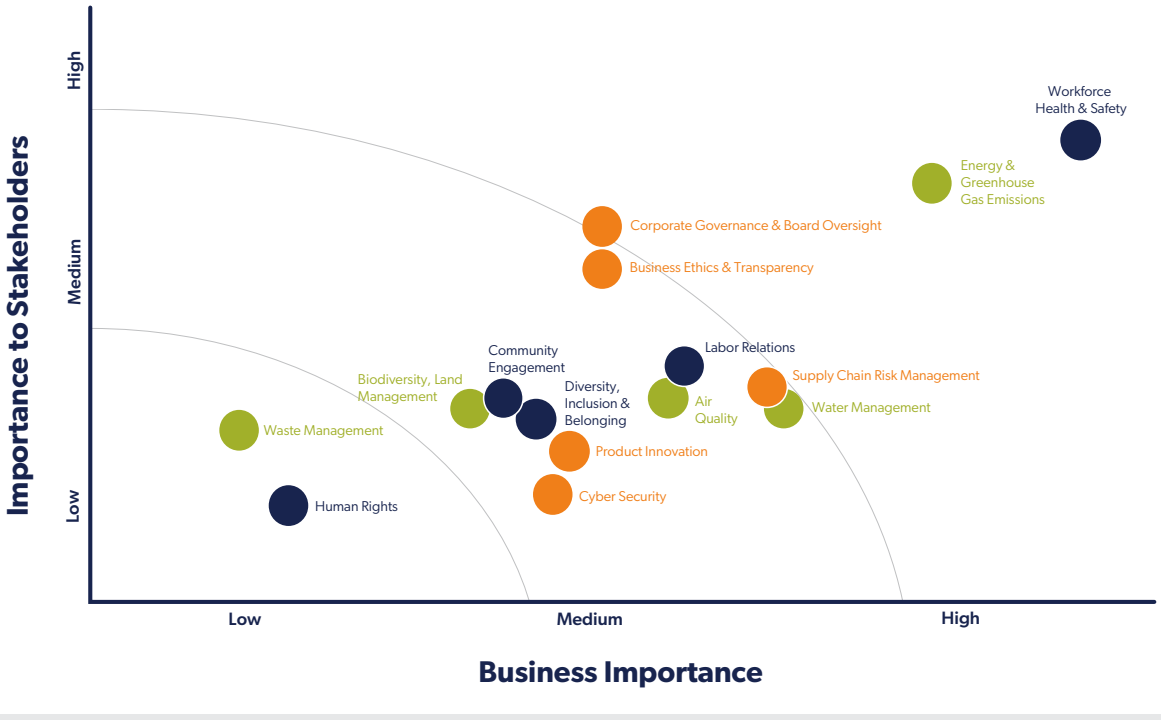
This report follows the guidance of the Sustainability Accounting Standards Board ("SASB") of the International Financial Reporting Standards Foundation and the recommended disclosure topics for the Metals & Mining and Construction Materials standards. The SASB standards provide a standardized, common reporting approach that yields decision-useful metrics, helps us track progress, and enables comparability for our investors and other stakeholders. To fulfill our commitment to transparency, we determined that a combination of the relevant disclosures in these two industry standards best reflect the topics deemed most relevant to our business operations. We also chose to enhance our disclosures with additional topics that may be considered important to our stakeholders. When evaluating our disclosures in relation to the SASB standards, users in some cases will need to normalize the data to make meaningful comparisons.

As such, we have included certain activity metrics to aid users in their evaluation. We refer readers to our SASB Index beginning on page 57, which highlights our responses to the suggested SASB Accounting Metrics and includes the appropriate activity metrics to assess our disclosed data in a meaningful context.

CORE ESG FOCUS AREAS

An important part of preparing this sustainability report is defining our material priorities and topic areas to advance our comprehensive approach to managing the range of ESG impacts, risks and opportunities that U.S. Silica faces. To help determine the key sustainability topics to focus on, we conducted our first semi-annual materiality assessment using the topics prescribed by SASB's Materiality Map, peer benchmarking, and ESG rating agencies. Based on this analysis, we identified 15 ESG issues of greatest importance to our stakeholders and our Company. A diverse and comprehensive group of internal and external stakeholders were surveyed regarding their perception of the importance of these issues. The results were then ranked based on the level of impact to the Company along with the level of concern to stakeholders. We will continue to take stakeholder feedback into account as we set future goals.

2022 MATERIALITY ASSESSMENT



Key: Environmental Social Governance

In our latest materiality map, presented here, the terms "material" and "materiality" are used in the context of Environment, Social, and Governance (ESG) standards and do not imply financial or legal materiality.

CONTRIBUTING TO THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

In 2022, we began to map our ESG efforts and priorities to the 17 UN Sustainable Development Goals (SDGs), which provide a blueprint to achieve a better and more sustainable future through actions for social inclusion, environmental sustainability, and economic development.

Meeting the established UN target for achieving these SDGs by 2030 will require the private sector, including our Company, to work alongside governments, nongovernmental organizations, and communities. While we understand that the 17 SDGs are inextricably linked, we believe we have the most impact on the following 13 SDGs, which are incorporated throughout this report.

For more information on the UN SDG's, please go to: https://sdgs.un.org/

TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

The Task Force on Climate-Related Financial Disclosures (TCFD) declares that climate change presents financial risk to the global economy. Their framework offers disclosure recommendations that are structured around four thematic areas that represent core elements of how companies operate: governance, strategy, risk management, and metrics and targets.

CORE ELEMENTS OF RECOMMENDED CLIMATE-RELATED FINANCIAL DISCLOSURES

Source: www.fsb-tcfd.org

Governance

The organization's governance around climate-related risks and opportunities

Strategy

The actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning

Risk Management

The process used by the organization to identify, assess, and manage climate-related risks

Metrics and Targets

The metrics and targets used to assess and manage relevant climate-related risks and opportunities

GOVERNANCE

U.S. Silica's Board of Directors recognizes the importance and value of sustainability reporting. In 2022, the Nominating and Governance Committee was formally assigned responsibility for oversight of corporate ESG matters. They oversee the policies and performance in the corporate responsibility areas of environmental, social, and governance, and report findings and progress to the entire Board. In addition, our internal ESG Steering Team is comprised of senior members of the corporate management team, including our CEO. The ESG Steering Team meets regularly to discuss progress related to our ESG goals and targets and to further identify and assess risks and opportunities for the organization's sustainability best practices and process improvements. Our CEO leads the internal ESG Steering Team and reports all ESG developments directly to the Board of Directors.

STRATEGY

We believe climate change presents real risks for the communities where we work and live, and that it may pose significant business disruption risks to our operations. Severe weather conditions may negatively impact our facilities and equipment or prevent personnel from accessing our job sites. It may delay or curtail the delivery of products or services. It may also interfere with our customers' operations which could reduce demand for our products. Therefore, we endeavor to be a leader in the transition to a more sustainable future through our efforts and initiatives related to environmental management across our footprint. It is our priority to innovate new products and approaches that combat climate change and improve our operational efficiency.

For additional risk disclosures, please refer to our 2022 Form 10-K, Risk Factors, beginning on page 11.

RISK MANAGEMENT

To better manage climate-related risks, we diligently measure and monitor our operations. We are prioritizing the use of natural or renewable energy sources where available, and we continually evolve and adapt to improve the energy efficiency of our facilities and operations to further reduce our overall energy consumption. We also seek to minimize risks to our employees and the surrounding communities by employing safe operating procedures, utilizing advanced monitoring technologies, and by incorporating environmental process controls and emergency preparedness practices into our operating approaches.

METRICS AND TARGETS

In 2021, the Company revised its approach to monitoring and gathering emissions data to comply with the Greenhouse Gas Protocol. 2022 is the second of three years of the data collection process for establishing baseline values for future reduction goals, specifically for greenhouse gas emissions (scope 1 and scope 2), water, and waste. We plan to set targets in the 2023 sustainability report.

U.S. Silica Board and Senior Leadership

GOVERNANCE

GOVERNANCE

CORPORATE GOVERNANCE OVERSIGHT

At U.S. Silica, our corporate governance structure is designed to promote high standards for integrity as well as the compliance with best practices across our organization. Our strong corporate governance includes being responsive to the shareholders and other stakeholders of our company. We are accessible and open to engaging with our stakeholders to discuss operational, financial, governance, environmental, safety, and social issues. Maintaining stakeholder trust and goodwill through our policies and performance, while adhering to our values, remains an important objective for the company.

SUSTAINABLE DEVELOPMENT GOALS

EMPLOYEES

We routinely engage with our employees and use surveys and town hall meetings to gain insight into their commitment, motivation, and passion for their work at U.S. Silica. Additionally, we encourage open communication by giving employees the opportunity to ask questions and share concerns during our quarterly town hall meetings.

INVESTORS

Senior management meets with investors regularly. In fact, we contacted our 20 largest equity holders, representing more than 62% of our outstanding common stock, to obtain their views on our executive compensation and other governance programs. In the second half of the year, we met with investors that represented approximately 17% of our outstanding common stock.

COMMUNITIES

Our Company actively engages with our local communities through volunteering, supporting local and national charities, open house events, educational offerings, and through mock disaster drills with local emergency response groups. Additionally, we regularly attend local events to ensure open communication and involvement with our communities.

GOVERNMENT AGENCIES

We partner with federal, state, and local regulatory agencies to navigate regulatory paths, improve project efficiencies, reduce negative impacts, and ensure employee safety and compliance. Agencies include the Mine Safety and Health Administration (MSHA), Occupation Safety and Health Administration (OSHA), the U.S. Department of Transportation (USDOT), National Institute for Occupational Safety & Health (NIOSH), and numerous environmental regulatory agencies which foster relationships focused on new technologies and industry best practices that further advance our protection of the environment and our employees.

CUSTOMERS

We use customer satisfaction surveys to measure our customers' overall experience. In addition to overall customer satisfaction, our plants and research and development teams continuously work with customers to identify new and creative ways to enhance products and minimize waste.

Based on monthly customer surveys, 95% of respondents rated U.S. Silica above average in customer service and performance.

SUPPLIERS

U.S. Silica partners with leading technology suppliers that are engaged in our operations and business partnerships. We rely heavily on their experience and technology to assist us with optimizing our operational processes. They are an imperative asset to our entire U.S. Silica team.

GOVERNANCE

BOARD OVERSIGHT

U.S. Silica's Board of Directors recognize their responsibility of oversight and are committed to high standards of ethical conduct and corporate governance. The Board's core responsibilities include fostering our company's long-term success, overseeing the business, and acting in good faith and in the best interests of our shareholders and other stakeholders.

OUR BOARD OF DIRECTORS

Our Board of Directors is led by an independent Chairman, Charles Shaver. We believe that each Board member exhibits an effective mix of skills, experience, diversity, and viewpoints that will enable them to make a significant contribution to the Board, the Company, and our stakeholders. Our Corporate Governance Guidelines provide principles for Board matters, including the requirements, responsibilities, and leadership structure of our Board. The respective committee charters, along with a description of roles and responsibilities, for our Audit, Compensation, Nominating and Governance, and Executive committees can be found on our website at ussilica.com. Additionally, we have Codes of Conduct that specifically apply to our Board of Directors and officers, employees, and vendors.

COMPENSATION

Our executive compensation programs are designed to support long-term corporate strategy and shareholder values. The Compensation Committee recognizes the importance of achieving an appropriate balance between rewarding executives for strong performance and establishing realistic but rigorous targets that continue to motivate and retain executives. We intentionally allocate a significant portion of total compensation to be at-risk and performance based. This is accomplished by combining company and business unit financial metrics with individual priorities in our short-term incentive plan, and relative performance metrics and time-based awards in our long-term incentive plan.

Performance-based compensation motivates employees across the organization. Certain members of our senior leadership team, along with all plant supervisors, plant managers, and business unit leaders, have portions of their short-term incentive compensation tied to the achievement of personal performance goals, several of which are in ESG areas. These goals include diversity, inclusion, and belonging initiatives, supplier diversity, cybersecurity, environmental, and employee safety goals.

HIGHLIGHTS

Gender Diversity
33% Female Board Representation

Racial/Ethnic Diversity
17% Racial/Ethnic Minority

Independence
5 of 6 Are Independent

Average Tenure	Average Director Age	Board Refreshments
9 Years	63.5 Years Old	1 New Director Added Since 2020

GOVERNANCE

BUSINESS ETHICS & TRANSPARENCY

At U.S. Silica, we are committed to operating our business with integrity, honesty, and in accordance with the law. We believe that our Code of Business Conduct and Ethics for Employees and our Vendor Code of Conduct are important tools for helping us meet these commitments. Our mines and processing facilities are located in the United States of America, and we require vendors to comply with all applicable laws, rules, and regulations as they relate to anti-bribery and corruption.

Additionally, we have made available the following governance documents on our website for stakeholders to have a comprehensive view of our programs:

- Corporate Governance Guidelines
- Insider Trading Policy
- Supplier Diversity Program
- Human Rights Policy
- Clawback Policy
- Code of Conduct for the Board of Directors
- Stock Ownership Guidelines for the Board of Directors and the Executive Management Team
- Audit Committee Policy on Complaint Procedures for Accounting and Auditing Matters

Equity holders and interested parties who wish to communicate questions or concerns to the Board of Directors may do so by contacting the Corporate Secretary's office at:

Corporate Secretary
U.S. Silica
24275 Katy Freeway, Suite 600
Katy, TX 77494

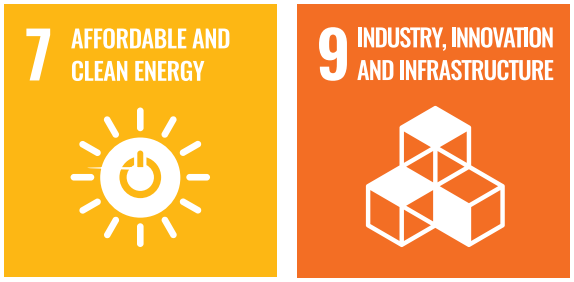
GOVERNANCE

PRODUCT INNOVATION

We are continually evolving our business to expand the current boundaries and uses of minerals, including ways to recycle and reuse our waste products.

Our product innovation provides us with organic growth opportunities into new, sustainable industries while improving the effectiveness and competitive advantages of our customer offerings. A robust pipeline of new innovations is aimed at reducing both our Company's and our customers' environmental footprints. Each year, we identify new sustainability opportunities and invest in profitable solutions to protect and enhance the communities in which we live and work.

SUSTAINABLE DEVELOPMENT GOALS



RESEARCH AND DEVELOPMENT

We regularly research, develop, and bring new products to market with the aspiration to create value for both our customers and our company. New products are typically developed based on customer needs for alternatives to carbon-intensive raw materials, to replace more costly input products, or to improve the performance of end products. Our technical and commercial teams use their extensive experience to evaluate new product opportunities quickly and effectively.

We currently have two main corporate labs which are located in Berkeley Springs, West Virginia and Reno, Nevada, and we are establishing a technical development center in Rochelle, Illinois. Additional quality labs are located alongside our manufacturing and production facilities across the country. Customer interest and feedback are sought early on in the development process.

This valuable input helps guide the alignment of fit-for-purpose products and increases our chances for commercial success. Our portfolio of research and development projects ranges in commercial delivery time of one to five years and many new products are already trialed and qualified with customers before full-scale production begins.

We sold enough of our organic DEsect® insecticide product to cover over 26,000 American football fields.

RENEWABLE ENERGY AND ESG OFFERINGS

More recently, we have focused on high-value industrial mineral offerings that are essential for the transition to cleaner energy and help our customers meet their ESG goals. Several new products have already been commercialized and continue to gain greater customer adoption. We maintained our technology advantage by filing 12 new patents with the U.S. Patent and Trade office and 17 foreign patents in 2022. Four U.S. patents and 12 foreign patents filed in earlier years were granted in 2022.

Our Rockwood, Michigan facility sold enough specialty low-iron silica sand to produce flat glass for solar panels to more than cover the entirety of Central Park in New York City.

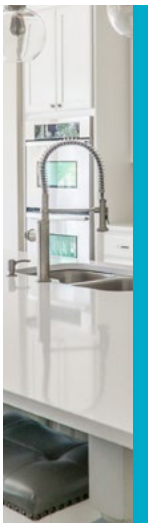
These products include raw materials for wind turbines and solar panels, products that reduce energy and water consumption, filter aids for green diesel and particulate emission filters, lightweight fillers that reduce logistics carbon footprints, and waste products that are recycled and reused.

Our target is to double the amount of revenue generated from products classified as environmentally beneficial to society by 2026. We plan to achieve this through the commercialization of new products we have in our development pipeline, as well as through continued customer adoption of already available environmentally beneficial products.

Revenues generated by products that we consider environmentally beneficial to society increased 6% year-over-year.

Rochelle R&D facility opening 2023 | Rochelle, Illinois

KEY PRODUCT DEVELOPMENTS

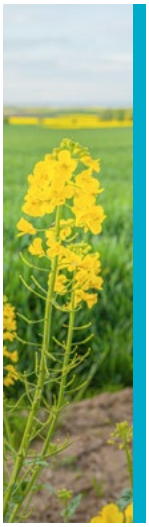


EVERWHITE® PIGMENT PROVIDES A RESPONSIBLE TITANIUM DIOXIDE ALTERNATIVE

Titanium Dioxide, or TiO_2, is used as a white pigment in paints, coatings, paper, plastics, countertops, and many other materials used daily. Environmentally responsible industry leaders are looking for a high quality, less expensive, and environmentally friendly alternative. Our EverWhite® pigment is an alternative American-made option. Launched in November 2021, the product's superior brightness, durability and resistance to the elements makes it the perfect partial replacement for TiO_2 in many different formulations.

DIATOMACEOUS EARTH PURIFIES MUCH AROUND US

High purity diatomaceous earth (DE) is used for filtration in numerous applications, ranging from swimming pools to vitamin manufacturing. In 2022, we expanded our product offerings to include incremental DE applications used in the food and beverage, pharmaceutical, and healthcare industries. Our high purity DE product, PurifiDE® XG, is used in blood plasma fractionation, which separates plasma into proteins that can be used for a variety of therapeutic treatments. For example, plasma fractionation separates albumin, which is then used to replenish and maintain blood volume after traumatic injury. It also isolates immunoglobulins used to treat immunodeficiency disorders. Successful ramp-up of this product line led to 2022 sales of PurifiDE® XG that were more than triple that of 2021. Another high purity DE product, PurifDE® F, is used in the food and beverage industry. PurifDE® F is used to filter beer and wine, various juice concentrates, extracts, and artificial flavorings, helping to preserve their integrity.



SUPPORTING THE RENEWABLE DIESEL INDUSTRY

Renewable diesel is a growing fuel source. Similar to biodiesel, the production of this clean, superior alternative to petroleum and diesel is expected to grow at a compound annual growth rate of 20% between 2022 and 2027. To make renewable diesel, feedstocks such as used cooking oils are first treated with adsorbents and filtered to remove impurities. The now clean, renewable feedstock is then put through a catalytic process that transforms it into a hydrocarbon biofuel. U.S. Silica is supporting the growth of this major, sustainable industry by developing high-performing adsorbents and filter aids. Our adsorbent clay product CelaClear™ 170FF, developed in Jackson, Mississippi, is a proprietary product blend that extends the life of the catalyst and supports a high filtration rate, thereby increasing the efficiency of the production process. After being treated with the adsorbent, our DE filtration product, Celatom® FW-14, removes both the clay and other impurities from the feedstock in preparation for the catalyzation process.

DIVERSIFIED PORTFOLIO YIELDS ESG BENEFITS

	Unique Attribute	Environ-mental	Social	Impact	End-Use Application
 **WhiteArmor®** Cool Roof Granules	High Total Solar Reflectance	✓		Reflective roofing leads to reduced building energy usage	Cool Roofing
 **EverWhite®** Cristobalite	Hi-white Domestic Mineral	✓		Eliminates need to import minerals with high carbon footprints	Countertops, Building Products
 **Low-Iron** Silica Sand	Ultra-low Iron Ore	✓		Supports growth of domestic solar capacity	Solar Panel Glass; Photovoltaic Glass
 **Sil-Co-Sil®** Ground Silica	Quality, Domestic Supply	✓		Production to meet demanding specifications	Wind Turbines, Fiberglass Composities, Building Products
 **PurifiDE®** Diatomaceous Earth	High-purity Filtration		✓	Advanced therapeutic treatment	Blood Plasma Fractionation; Food and Beverage
 **Min-U-Sil®** Fine-Ground Silicas	Smallest Ground Silicas	✓		Additive for highly specialized applications	Automotive Emissions Filters
 **Celatom® Diatomaceous** Earth Filter Aids	Quality Purification	✓	✓	Filter Aids for products that touch our life	Renewable Diesel; Food & Beverage
 **Bleaching Clay** Adsorbents	Harmful Metal Removal	✓	✓	Provides oil clarity and purity	Renewable Diesel; Food & Beverage
 **DEsect®** Insecticide	Organic Pest Control	✓	✓	Nautral alternative to chemical pesticides	Organic Agriculture
 **AXIS®** a Lightweight Soil Amendment	Water Conservation	✓		Reduction of water use	Golf Courses; Commercial Gardens

PARTICIPATING IN THE CIRCULAR ECONOMY

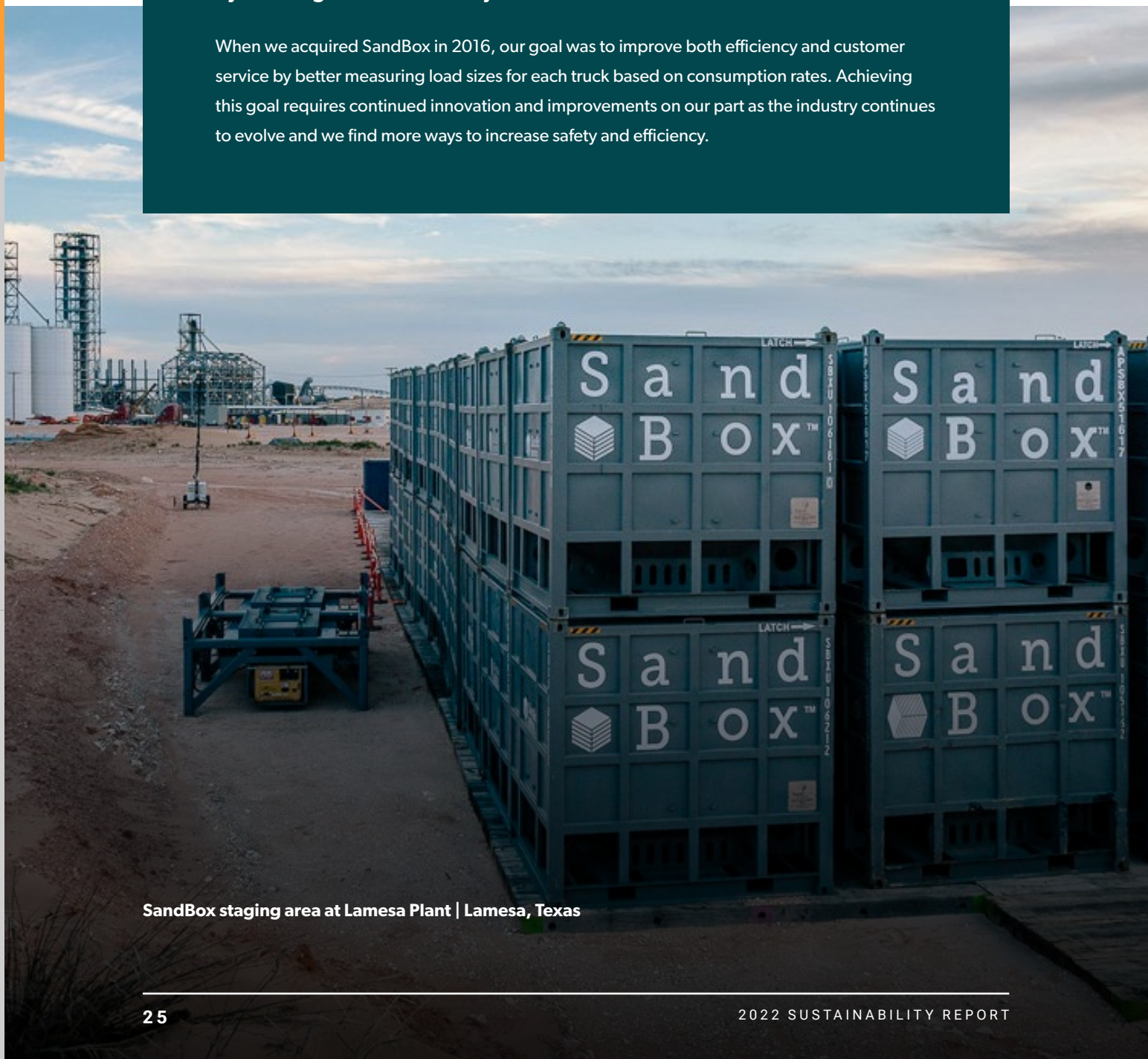
As a good partner to our customers, we actively assist them in their own waste reduction and look for new and creative ways to recycle products and grow our participation in the circular economy. While still under development, we expect to offer products made from natural sources and 100% post-consumer recycled content in the future.

GOVERNANCE

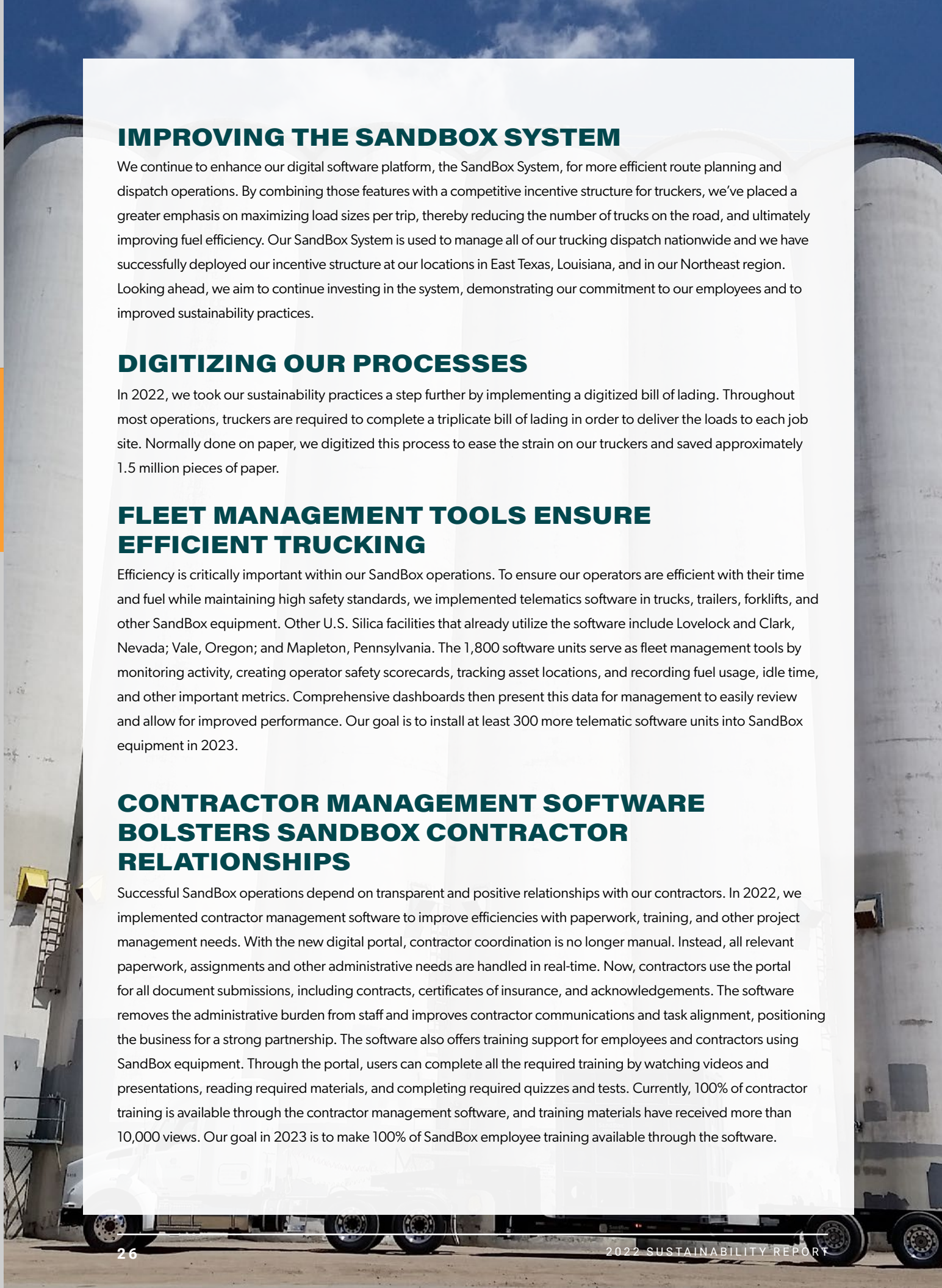
SANDBOX LOGISTICS

Our SandBox last-mile logistics delivery offering is an operating system that helps oil field service and exploration and production companies eliminate proppant delivery bottlenecks while also providing health and safety benefits by reducing silica dust on the jobsite.

When we acquired SandBox in 2016, our goal was to improve both efficiency and customer service by better measuring load sizes for each truck based on consumption rates. Achieving this goal requires continued innovation and improvements on our part as the industry continues to evolve and we find more ways to increase safety and efficiency.



SandBox staging area at Lamesa Plant | Lamesa, Texas



IMPROVING THE SANDBOX SYSTEM

We continue to enhance our digital software platform, the SandBox System, for more efficient route planning and dispatch operations. By combining those features with a competitive incentive structure for truckers, we've placed a greater emphasis on maximizing load sizes per trip, thereby reducing the number of trucks on the road, and ultimately improving fuel efficiency. Our SandBox System is used to manage all of our trucking dispatch nationwide and we have successfully deployed our incentive structure at our locations in East Texas, Louisiana, and in our Northeast region. Looking ahead, we aim to continue investing in the system, demonstrating our commitment to our employees and to improved sustainability practices.

DIGITIZING OUR PROCESSES

In 2022, we took our sustainability practices a step further by implementing a digitized bill of lading. Throughout most operations, truckers are required to complete a triplicate bill of lading in order to deliver the loads to each job site. Normally done on paper, we digitized this process to ease the strain on our truckers and saved approximately 1.5 million pieces of paper.

FLEET MANAGEMENT TOOLS ENSURE EFFICIENT TRUCKING

Efficiency is critically important within our SandBox operations. To ensure our operators are efficient with their time and fuel while maintaining high safety standards, we implemented telematics software in trucks, trailers, forklifts, and other SandBox equipment. Other U.S. Silica facilities that already utilize the software include Lovelock and Clark, Nevada; Vale, Oregon; and Mapleton, Pennsylvania. The 1,800 software units serve as fleet management tools by monitoring activity, creating operator safety scorecards, tracking asset locations, and recording fuel usage, idle time, and other important metrics. Comprehensive dashboards then present this data for management to easily review and allow for improved performance. Our goal is to install at least 300 more telematic software units into SandBox equipment in 2023.

CONTRACTOR MANAGEMENT SOFTWARE BOLSTERS SANDBOX CONTRACTOR RELATIONSHIPS

Successful SandBox operations depend on transparent and positive relationships with our contractors. In 2022, we implemented contractor management software to improve efficiencies with paperwork, training, and other project management needs. With the new digital portal, contractor coordination is no longer manual. Instead, all relevant paperwork, assignments and other administrative needs are handled in real-time. Now, contractors use the portal for all document submissions, including contracts, certificates of insurance, and acknowledgements. The software removes the administrative burden from staff and improves contractor communications and task alignment, positioning the business for a strong partnership. The software also offers training support for employees and contractors using SandBox equipment. Through the portal, users can complete all the required training by watching videos and presentations, reading required materials, and completing required quizzes and tests. Currently, 100% of contractor training is available through the contractor management software, and training materials have received more than 10,000 views. Our goal in 2023 is to make 100% of SandBox employee training available through the software.

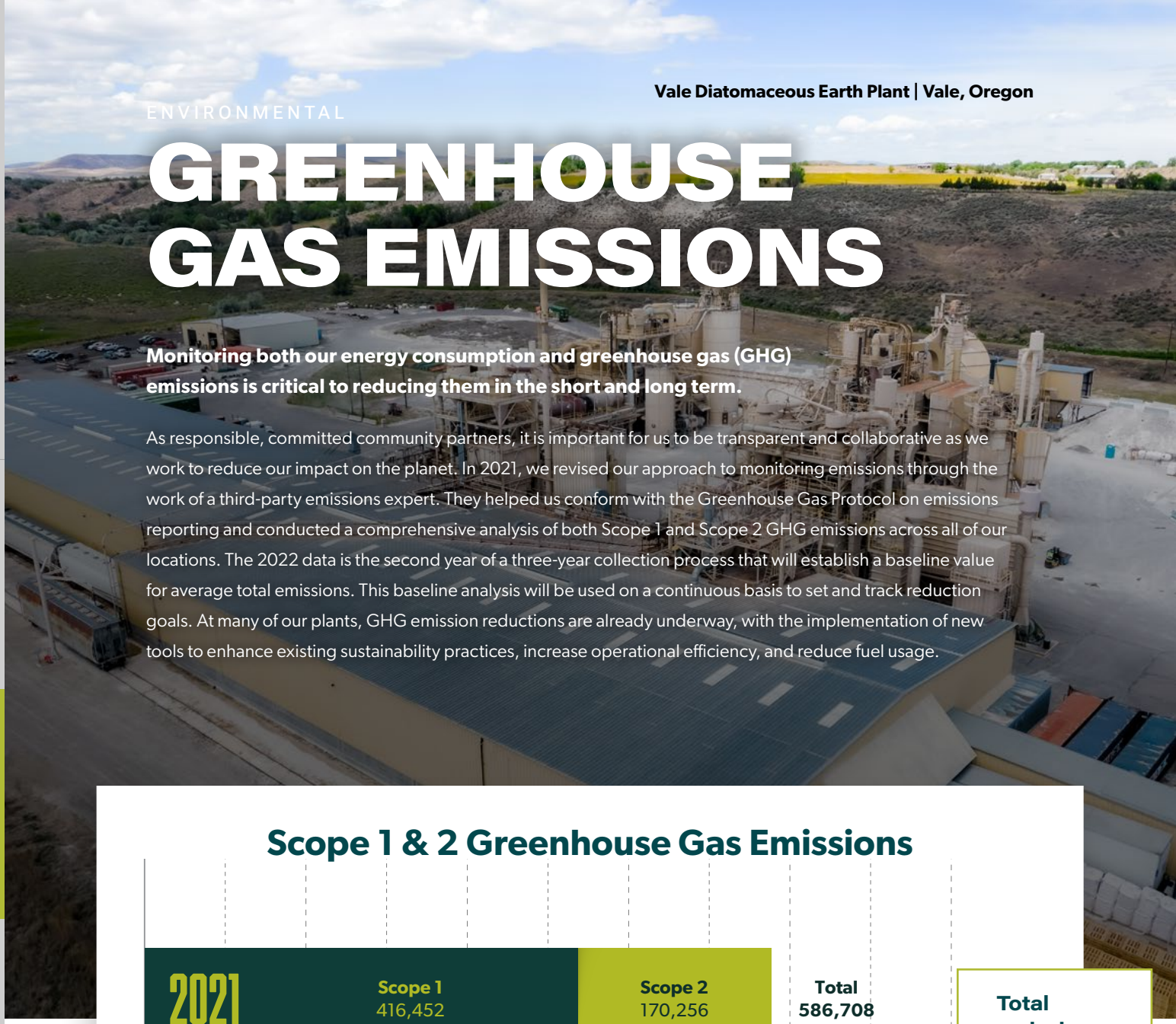
Ottawa South Industrial Sand Mine | Ottawa, Illinois

ENVIRONMENTAL

U.S. Silica believes that climate change is a serious issue that presents risks and opportunities requiring management's attention. Our Company's two business segments are pivotal in the transition to a low-carbon environment, offering conscientious products and services geared towards sustainability. As such, we are committed to minimizing our impact on the environment through responsible emissions and energy management, water conservation, waste management, and recycling.

Ottawa Industrial Sand Mine | Ottawa, Illinois

SUSTAINABLE DEVELOPMENT GOALS



Vale Diatomaceous Earth Plant | Vale, Oregon

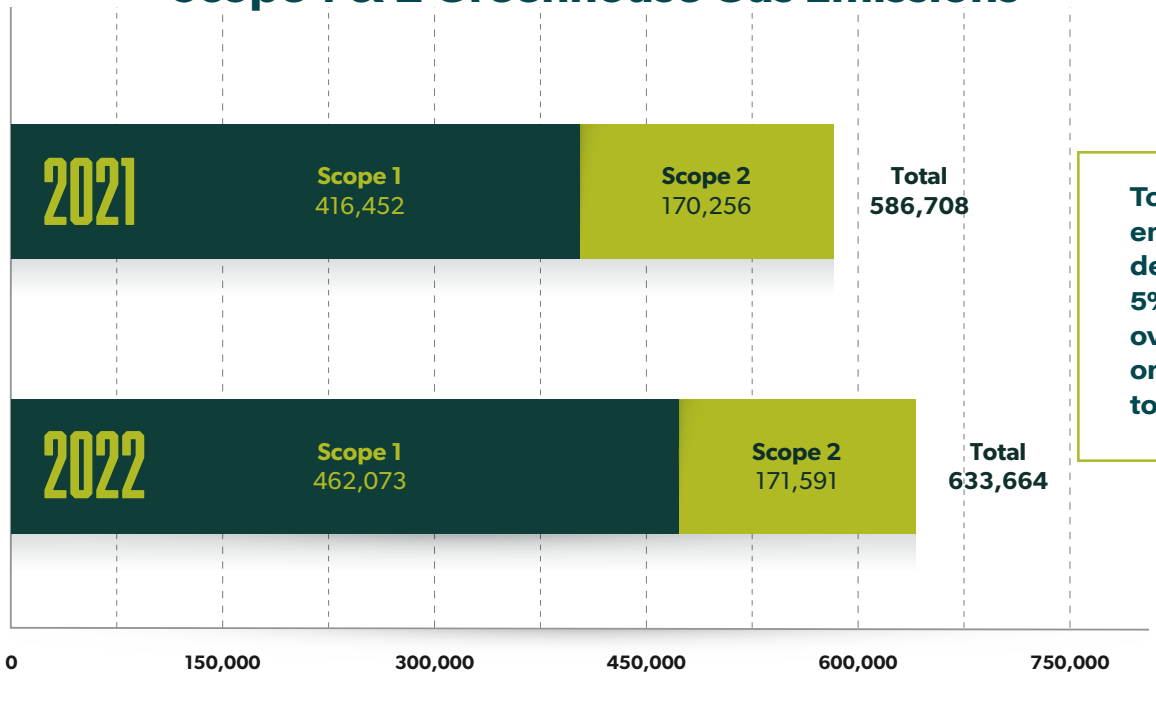
ENVIRONMENTAL

GREENHOUSE GAS EMISSIONS

Monitoring both our energy consumption and greenhouse gas (GHG) emissions is critical to reducing them in the short and long term.

As responsible, committed community partners, it is important for us to be transparent and collaborative as we work to reduce our impact on the planet. In 2021, we revised our approach to monitoring emissions through the work of a third-party emissions expert. They helped us conform with the Greenhouse Gas Protocol on emissions reporting and conducted a comprehensive analysis of both Scope 1 and Scope 2 GHG emissions across all of our locations. The 2022 data is the second year of a three-year collection process that will establish a baseline value for average total emissions. This baseline analysis will be used on a continuous basis to set and track reduction goals. At many of our plants, GHG emission reductions are already underway, with the implementation of new tools to enhance existing sustainability practices, increase operational efficiency, and reduce fuel usage.

Scope 1 & 2 Greenhouse Gas Emissions



Total emissions declined 5% year-over-year on a per ton basis.

NEW KILNS REDUCE MOISTURE AND FUEL USAGE

Throughout the mineral journey, from raw ore to final refined product, the ability to control moisture content is crucial. Once a product is mined, it may require transportation off-site for further processing. By prioritizing onsite moisture reduction, we can operate more efficiently and, if transportation is needed, avoid transporting unnecessary water weight and utilize fewer transportation units.

Our plant in Middleton, Tennessee has been in operation since the late 1970's and under U.S. Silica ownership since 2018. One of our 150,000-ton capacity kilns, which is used to reduce moisture in calcined clay and for other processes, was replaced in August 2021. The new kiln is more efficient and has improved our operations and environmental impact by reducing fuel and electricity usage, emissions output, and the amount of time spent processing the calcined clay. Since replacing the kiln, we have seen a 2-3% reduction in fuel usage and a 15% reduction in kiln operating hours while processing the same volume year-over-year.

TRANSPORTATION EFFICIENCIES REDUCE EMISSIONS

How we transport our materials from the mines to our plants or customers creates one source of emissions that we can improve. As such, we are highly invested in making our transportation as efficient as possible to reduce our impact on the environment.

One such efficiency we implemented in Pennsylvania in 2022 is the use of pop-up transloads, or large warehouses where we can store materials in locations closer to their end destinations. This reduces the distance trucks must drive to pick up materials by locating them closer to processing facilities. Our five transloads in Pennsylvania store proppant used for the completion of oil and gas wells. Nationwide, we have 34 total transloads, 19 of which are oil and gas transloads. By storing our materials in these transloads, we have taken approximately 8,336 trucks off the road, with estimated fuel savings of 82,638 gallons and a CO_2e reduction of over 845 metric tons.

We also reduce the number of trucks on the road through the prominent use of rail transportation. U.S. Silica leases a fleet of railcars for transporting products across the United States. In 2022, we converted two lanes from truck to rail: from Ottawa, Illinois, to Carleton, Michigan; and from Mill Creek, Oklahoma, to McPherson, Kansas. These two rail lanes took approximately 2,125 trucks off the road in 2022. As part of our commitment to reducing emissions, we encourage our customers to receive products via rail whenever possible.

ENVIRONMENTAL

AIR QUALITY

We are committed to monitoring and reducing our air emissions—including carbon monoxide, oxides of nitrogen, oxides of sulfur, particulate matter, mercury, lead, and volatile organic compounds—in compliance with, or exceeding industry best practices and regulatory standards.

We take seriously the potential human health and environmental impacts of these pollutants and work diligently to mitigate these risks. We are proud to offer products that help our customers reduce their air emissions and carbon footprints as well.

Crane County Industrial Sand Plant | Crane, Texas

NEW SOFTWARE INCREASES COMBUSTION EFFICIENCY

With any combustion process, it is important to ensure the fuel-to-air ratio is accurate to reduce both fuel consumption and air emissions. Across most organizations, these processes are done manually, with a team of operators that maintain full control over the equipment. In 2022, we implemented a new automated system for our Crane and Lamesa plants in Texas, thereby reducing human error and improving the overall accuracy of the equipment's fuel-to-air ratio.

Another enhancement is the utilization of Allen Bradley Control Logix PLC and software. This program allows the plant's rotary dryers to more accurately measure the amount of air flow needed to complete the combustion process, adjusting for changes in moisture or feed rate. As a result, our locations have been able to reduce fuel usage by 3.4%.

Air Emissions of the Following Pollutants (metric tons)*	2021	2022
CO	631.9	707.3
NOx (excluding N_2O)	1,582.1	1,860.6
SO_x	504.5	597.9
Particulate Matter (PM_{10})	658.3	703.8
Mercury (Hg)	0	0
Lead (Pb)	0	0
Dioxins/Furans	0	0
Volatile Organic Compounds (VOCs)	221.2	254.7
Polycyclic Aromatic Hydrocarbons (PAHs)	0	0
Heavy Metals	0	0

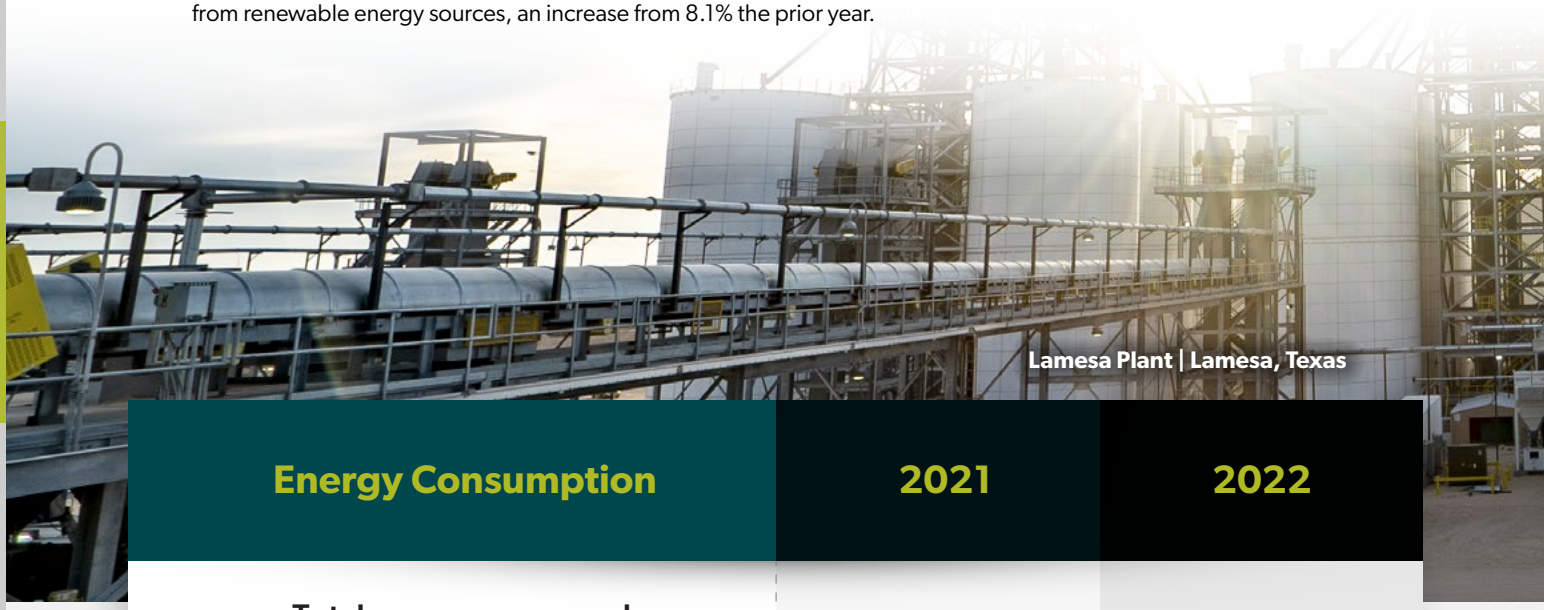
**Air emissions are inclusive of mobile equipment*

ENVIRONMENTAL

ENERGY MANAGEMENT

Across our footprint, we are prioritizing the use of natural or renewable energy sources where available, and we continually evolve and adapt to improve the energy efficiency of our facilities and operations to further reduce our overall energy consumption.

As the access and availability of renewable energy improves, U.S. Silica will continue to evaluate our ability to purchase greater amounts of renewable energy when presented with more than one option for energy providers. Per the SASB standard, we are restricted from reporting renewable energy consumed that is not under our direct control. However, we do monitor and promote our electricity vendors to source renewable energy where appropriate. In 2022, an average of 14.7% of our grid electricity sourced by our vendors was from renewable energy sources, an increase from 8.1% the prior year.



Lamesa Plant | Lamesa, Texas

Energy Consumption	2021	2022
Total energy consumed (Gigajoules (GJ))	1,335,816.1	1,355,215.9
Percentage grid electricity	100%	100%
Percentage renewable	0%*	0%*

** Per SASB 4.3.3, the renewable portion of the electricity grid consumed that is outside the control or influence of the entity is excluded from the scope of reported renewable energy.*

ENVIRONMENTAL

WATER MANAGEMENT

Water is a critical part of our operations, and we have a responsibility to prioritize water conservation for the protection and enrichment of our planet and its resources.

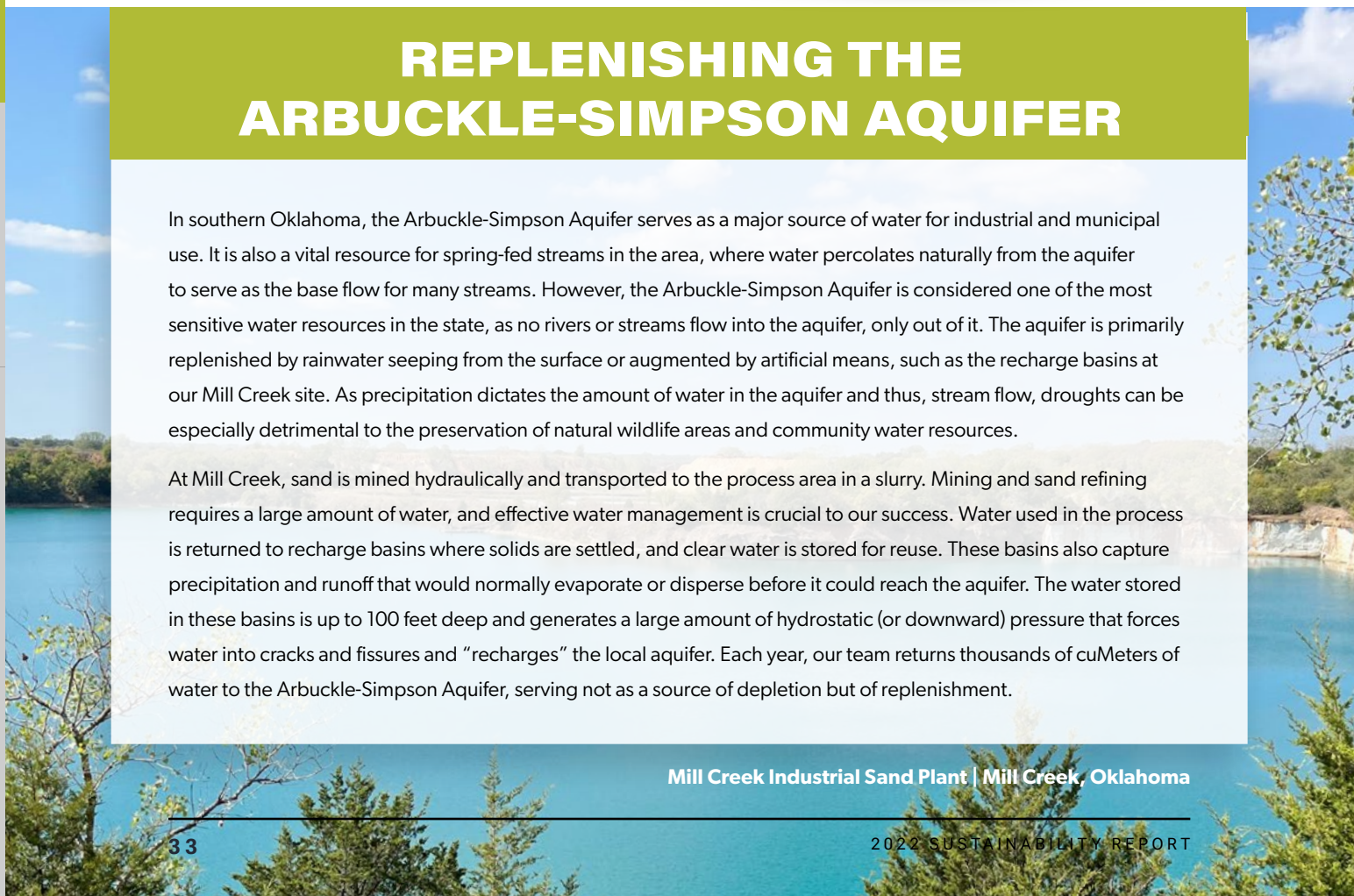
To achieve this, we are enhancing water conservation and recycling efforts across our footprint, ensuring that drawing, using, and discharging fresh water is done responsibly and in compliance with water management regulations and standards. Based on our ability to recycle water multiple times before leaving the process, we recycled 110.1% of our water in 2022. The 2022 data is the second year of a three-year data collection process that will be used to establish a baseline value for average water usage. Once established, this baseline analysis will assist us on a go-forward basis to set and track ambitious reduction goals.

Water Usage (thousand cubic meters (m^3))	2021	2022
Total fresh water withdrawn	84,640	44,583
Total fresh water consumed	30,977	21,674
Percentage recycled	102.8%	110.1%
Percentage in regions with high or extremely high baseline water stress	3.4% withdrawn, 7.0% consumed	8.0% withdrawn, 16.4% consumed

REPLENISHING THE ARBUCKLE-SIMPSON AQUIFER

In southern Oklahoma, the Arbuckle-Simpson Aquifer serves as a major source of water for industrial and municipal use. It is also a vital resource for spring-fed streams in the area, where water percolates naturally from the aquifer to serve as the base flow for many streams. However, the Arbuckle-Simpson Aquifer is considered one of the most sensitive water resources in the state, as no rivers or streams flow into the aquifer, only out of it. The aquifer is primarily replenished by rainwater seeping from the surface or augmented by artificial means, such as the recharge basins at our Mill Creek site. As precipitation dictates the amount of water in the aquifer and thus, stream flow, droughts can be especially detrimental to the preservation of natural wildlife areas and community water resources.

At Mill Creek, sand is mined hydraulically and transported to the process area in a slurry. Mining and sand refining requires a large amount of water, and effective water management is crucial to our success. Water used in the process is returned to recharge basins where solids are settled, and clear water is stored for reuse. These basins also capture precipitation and runoff that would normally evaporate or disperse before it could reach the aquifer. The water stored in these basins is up to 100 feet deep and generates a large amount of hydrostatic (or downward) pressure that forces water into cracks and fissures and "recharges" the local aquifer. Each year, our team returns thousands of cuMeters of water to the Arbuckle-Simpson Aquifer, serving not as a source of depletion but of replenishment.



Mill Creek Industrial Sand Plant | Mill Creek, Oklahoma

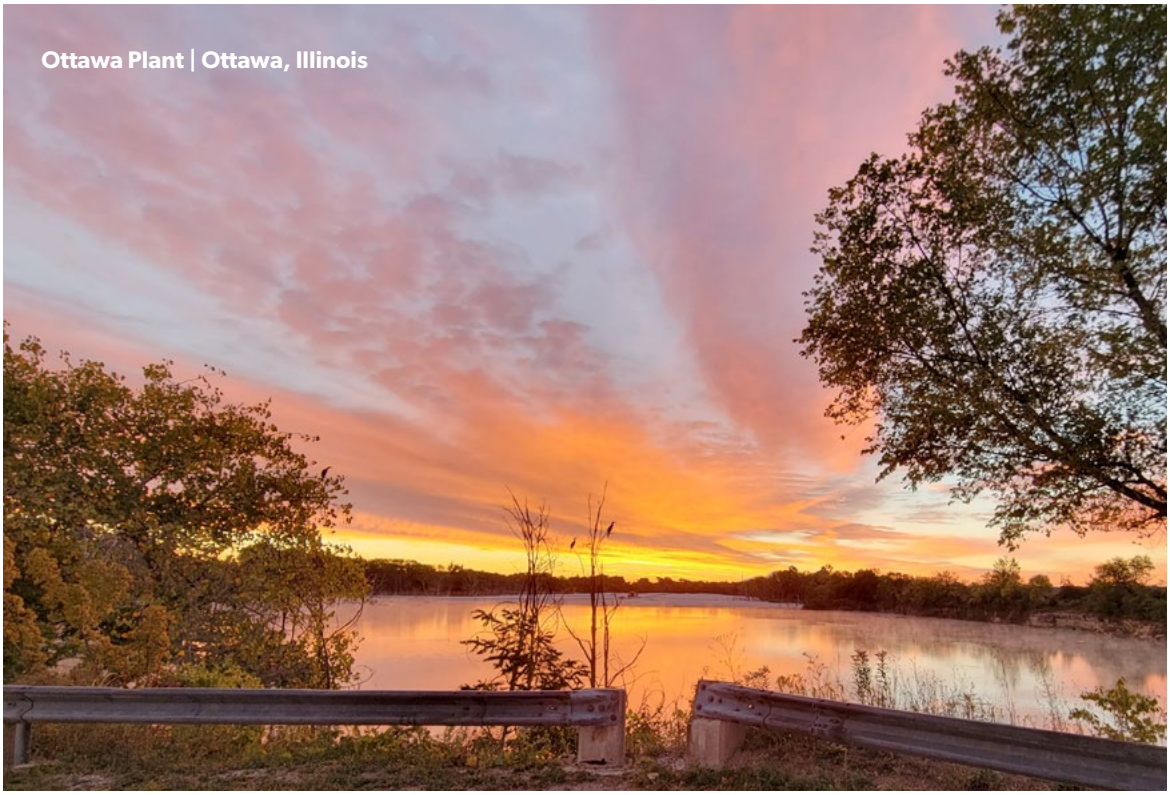
EFFICIENT WATER USAGE REDUCES COLLECTION FROM STREAMS

At our Berkeley Springs site, we use about 11.36 cuMeters of water per minute for our mineral crushing and washing processes. We keep the process water in a continuous closed loop to clean and reuse it until we reach the evaporation point. Historically, any additional water needs were replenished by drawing water from the local stream in order to keep the process running.

Over the past several years, we have made a concerted effort to reduce the amount of water pulled from the stream, decreasing the amount of water drafted by 33%. Since implementation, we have saved 260 cuMeters of water and reduced electricity usage for the pumps by 33% as well.

RECYCLING WATER SAVES MONEY AND RESOURCES

In Ottawa, Illinois, our equipment had historically consumed about 56,781 cuMeters of local water per year. In late September 2022, we installed a filter system as part of the wet process infrastructure and moved the majority of our equipment off the Ottawa city water system. The filter separates sand, moss, and other impurities from the supplied pond water on site and enables us to continually use and recycle it. This has many benefits, including significantly reducing our impact on local natural resources. We estimate over 52,996 cuMeters of city water will be saved in 2023.



Ottawa Plant | Ottawa, Illinois

ENVIRONMENTAL

WASTE & HAZARDOUS MATERIALS MANAGEMENT

The metals and mining industry can generate large volumes of non-mineral and mineral waste during its operations, which can include waste rock, tailings, slurries, and industrial waste. The waste produced during mining operations can be treated, disposed of, or stored on or off-site. At U.S. Silica, we are dedicated to the prevention of pollution resulting from our operations through strict waste and hazardous materials management.

Fortunately, our waste, and therefore tailings, contain no hazardous materials, only inert naturally occurring materials that do not meet customer specifications for sale. However, as a precaution, we employ pollution prevention measures at all of our mine locations, such as increased operational efficiencies and the reuse and recycling of materials to minimize the impact of our activities on the environment. We also seek to minimize risks to our employees and the surrounding communities by employing safe operating procedures, utilizing advanced monitoring technologies, and by incorporating environmental process controls and emergency preparedness practices into our operating approaches.

2022 was our second year of collecting and reporting waste data. This data will be gathered over a three-year period to establish baseline levels of annual waste, allowing us to set reduction goals for the future.

Waste (metric tons)	2021	2022
Non-hazardous waste	14,368	14,427
Hazardous waste	0.8	2.1
Recycled waste	2,795.5	3,200.5
Recycled Hazardous Waste	0.8	0.1

PROTECTING EMPLOYEE SAFETY WITH REFEED TANKS

As we mine the minerals used to make our products, any low quality or unused material must be disposed of or refed into the system for later use. Excess material is placed in bags that are manually opened and fed into tanks for recirculation. This is operationally inefficient, as it requires a lot of time and potentially poses increased silica dust exposure risk to our employees. In Lovelock, Nevada, we installed a refeed tank in November 2022 to automatically place excess material in the tank for storage until we need to divert it back into the system for use.

This refeed tank offers meaningful financial, health, and safety benefits to our Lovelock facility. Employees no longer need to handle the excess material manually, saving them hours of labor and potential silica dust exposure. Refeeding minimizes the amount of unusable excess product produced and increases the amount of sellable material by replacing ore that otherwise would have needed to be newly mined.

ENVIRONMENTAL

TAILINGS MANAGEMENT

In the metals and mining industry, proper tailings storage and facilities management is of the utmost importance. U.S. Silica's waste and tailings are comprised of inert, naturally occurring materials, and their management is bolstered by our strong safety culture and well-established emergency preparedness and response plans. We recycle or reuse 100% of our tailings. Materials such as silt and clay that are removed from the sand during mining are used for land reclamation or re-processed into new products.

BIODIVERSITY IMPACTS

We have a responsibility to preserve the planet and its natural environment in everything we do. Understanding that the development, operations, closure, and remediation of mines can have a range of impacts on biodiversity, we take precautions to protect and enhance the flora and fauna of the communities in which we operate. Our environmental management plans are designed for different stages of the project lifecycle and our mines have developed customized reclamation plans unique to the natural habitat, environment, and ecosystem of the area. Additionally, we conduct annual evaluations of policies, procedures, and programs related to habitat conservation.

PRIORITIZING BIODIVERSITY

In 2022, we explored the possibilities for best expanding our mining operations in Ottawa, Illinois. We discovered that valuable sandstone was plentiful around our plant, but two special ecosystems also existed nearby: the Catlin Salt Marsh and Brown's Brook. The Catlin Salt Marsh is geologically unique in the area, as Northern Illinois and the Great Lakes region are freshwater environments. Brown's Brook is a historic stream that runs through our Ottawa property.

We originally considered moving the brook, which would have affected 6,720 linear feet of the brook and its surrounding ecosystem. However, due to these impacts on the brook and on the nearby Catlin Salt Marsh, we decided to avoid these ecosystems altogether and leave them undisturbed. Our analysis also led us to install a liner to further protect the brook by preventing water interaction with the mine.

Preserving Brown's Brook and the Catlin Salt Marsh fills us with pride that we can be active participants in the conservation of these beloved ecosystems.

Brown's Brook at Ottawa South Mine | Ottawa, Illinois

PROTECTING NATIVE SPECIES ACROSS OUR FOOTPRINT

The bluebird has experienced habitat loss throughout North America due to land clearing for development, depriving them of their natural nesting cavities. In addition, predators, and increased competition for nesting space from other bird species, have jeopardized the bluebird population. We are delighted to have partnered with neighbors and local chapters of the North American Bluebird Society to provide safe nesting boxes, food, and other habitat management measures to support the bluebird populations near our locations in New Jersey, Illinois, and Wisconsin. In 2022, we expanded these environmental partnerships to benefit additional locations and other species in need of support.

NEW JERSEY

In Mauricetown, U.S. Silica maintains bird boxes on a previously owned property that we recently donated to the local township. In early 2021, we provided labor and materials for six bird boxes, which were designed and installed according to the strict criteria established by the New Jersey Bluebird Society. In 2022, our boxes successfully hatched 22 bluebirds, which we then banded for tracking purposes. We also expanded our environmental protection efforts to include caring for more than 50 boxes for Purple Martins. This bird species also needs support due to local sparrow populations taking over their habitats and boxes. We installed special predator guards on the Purple Martin boxes to prevent sparrows from using them and will continue to monitor the Purple Martin population into 2023.

ILLINOIS

Toward the end of 2021 and into early 2022, we partnered with local Boy Scouts in Ottawa to build and install six bird boxes on our property. Throughout the spring and summer nesting season, all six boxes were occupied by bluebirds and other native bird species. Our boxes successfully hatched and raised 30 birds, six of which were bluebirds. We also own an idle facility in Utica, where bluebirds and some local bat species are sensitive to changes in their habitat. The nearby Starved Rock State Park is home to 10 of the 12 bat species found in Illinois, including the Little Brown Bat (Myotis Lucifugus). We have committed to partnering with the local Boy Scouts in Spring 2023 (after the bats' hibernation season) to install bat boxes, which can hold up to 200 bats each, and we will collect data on their progress throughout the year.

WISCONSIN

This year, U.S. Silica employees worked together to refurbish and install seven bird boxes along the entrance to our facility in Sparta. 2023 will be the first year that bluebirds and other local species are able to use the boxes, during which time we will begin to collect data on their success.

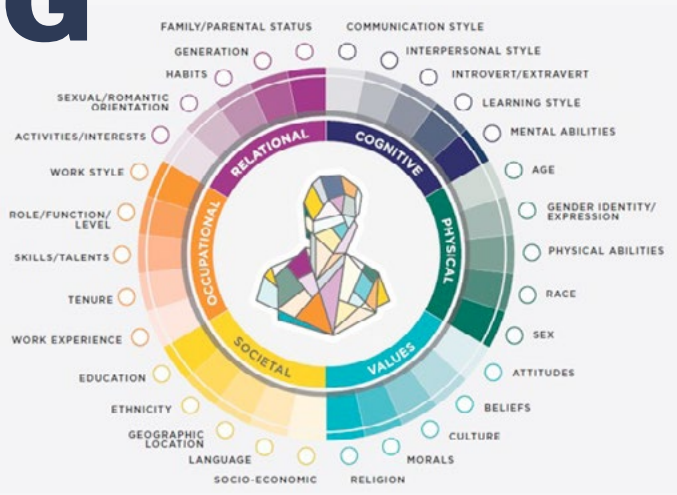
Corporate Office Team | Katy, Texas

SOCIAL

SOCIAL

DIVERSITY, INCLUSION & BELONGING

U.S. Silica fosters a strong culture and sense of belonging through a diverse and inclusive workplace. In 2020, a comprehensive Diversity, Inclusion, and Belonging framework was implemented to deepen our commitment to this initiative across the company. The efforts begin with our hiring process and thread through every aspect of our company's operations. We aim to create an inclusive company culture where diverse perspectives are heard and valued.



Source: Dimensions of Diversity, Adapted from the Diversity Wheel created by Marilyn Lowder (1996)

SUSTAINABLE DEVELOPMENT GOALS

We appreciate diversity not only in our workforce, but also in our customers and suppliers. We recognize that a diverse mix of backgrounds, skills, and experiences drive new ideas, products, and services and provides us with a sustained competitive advantage. This diverse mix of voices makes our company, our partners, and our communities stronger.

All employees play a critical role in fostering a diverse and respectful workplace at U.S. Silica. We regularly update our Code of Business Conduct and Ethics compliance trainings. We also provide unconscious bias training for salaried employees, encouraging our workforces to improve and live out our core values of Respect, Safety, Integrity, and Community daily with one another and in our communities. Through our diversity, inclusion, and belonging initiatives, we are focused on the development and advancement of our underrepresented talent. We believe that a diverse workforce makes our company stronger, and we will continue to focus our efforts on expanding our diverse and inclusive team and corporate culture.

2022 RACIAL/ ETHNIC GROUP REPRESENTATION

2022 RACIAL/ETHNIC GROUP REPRESENTATION

- 2% Asian
- 2% Two or more races
- 3% Black or African American
- 1% American Indian/ Alaskan Native
- 9% Hispanic or Latino
- 1% Native Hawaiian/ Pacific Islander
- 82% White

- 1% Asian
- 1% Two or more races
- 10% Black or African American
- 2% American Indian/ Alaskan Native
- 22% Hispanic or Latino
- 0% Native Hawaiian/ Pacific Islander
- 64% White

2022 GENDER REPRESENTATION

- 77% Male
- 23% Female

- 88% Male
- 12% Female

COMPENSATION, BENEFITS, AND EMPLOYMENT PRACTICES

U.S. Silica recognizes that our employees are our greatest asset. We offer competitive compensation and benefits packages to all employees and regularly assess our total rewards through industry benchmarking and local market comparison groups. We work to hire, retain, and promote both local and remote employees throughout our organization. We also believe it is important to invest in our workforce's personal and professional growth by providing learning and career development opportunities, as well as through tuition reimbursement.

EMPLOYEE RESOURCE GROUP (ERG)

In 2021, we established an Employee Resource Group that we named "US, Together." This group is intended to cultivate a workplace to help employees feel empowered to bring their authentic selves to work. With this initiative, we have intended to amplify our underrepresented employees' voices and provide a greater sense of community, while also supporting personal and career development opportunities. Some of the offerings provided by this group include educational workshops, networking opportunities, community service, mentoring, professional development, and leadership opportunities, in addition to monthly themed programming.

US SILICA Employee Resource Group US, TOGETHER

8% of our employees were enrolled in our ERG at the end of 2022.

EXPANDING OUR BENEFITS

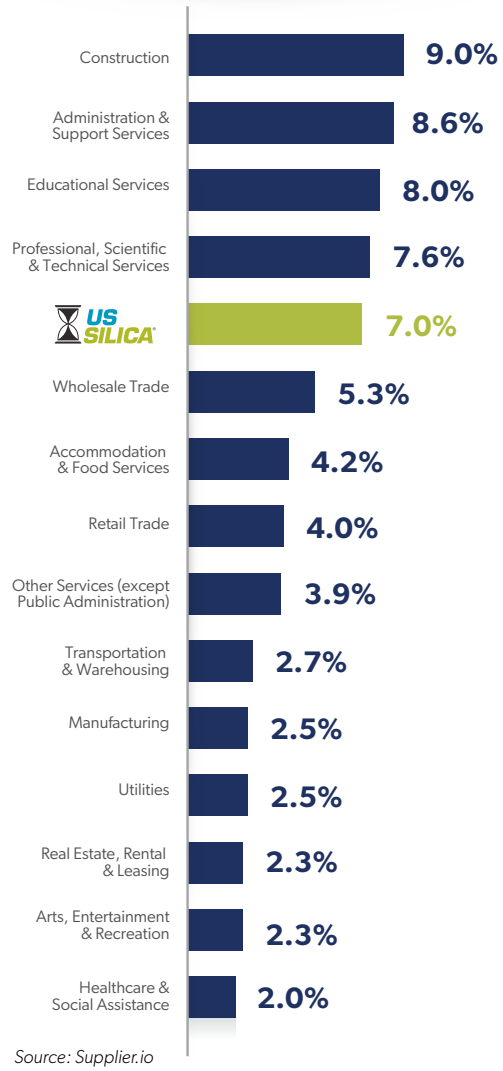
Our ERG spearheaded and helped introduce several new and updated employee benefit policies in 2022. Among these updates were an expansion of in vitro fertilization coverage for same-sex couples and a three-week increase for parental leave. In addition, to demonstrate our support for working parents, we implemented a new program that allows our breastfeeding employees to travel with greater ease. Through the Milk Stork program, our traveling employees can request a kit to be shipped to their temporary work location, and then have their milk bottles delivered to their home. This program has helped to reduce the burden on new parents when traveling for work, allowing them to continue feeding their child as they prefer.

SUPPLIER & BUSINESS DIVERSITY

As part of our Diversity, Inclusion, and Belonging framework, our company is also committed to increasing its supplier diversity by building new relationships with a variety of businesses. Such organizations include women, veteran, minority-owned, and small businesses, which comprised 7% of our supplier spend in 2022. Following an in-depth analysis of the use and spend with diverse-owned businesses, we are committed to maintaining our business diversity spend above the national average for the manufacturing industry of 2.5%.

15% of all suppliers paid in 2022 were diverse.

% of spend of this product/service that goes to diverse suppliers

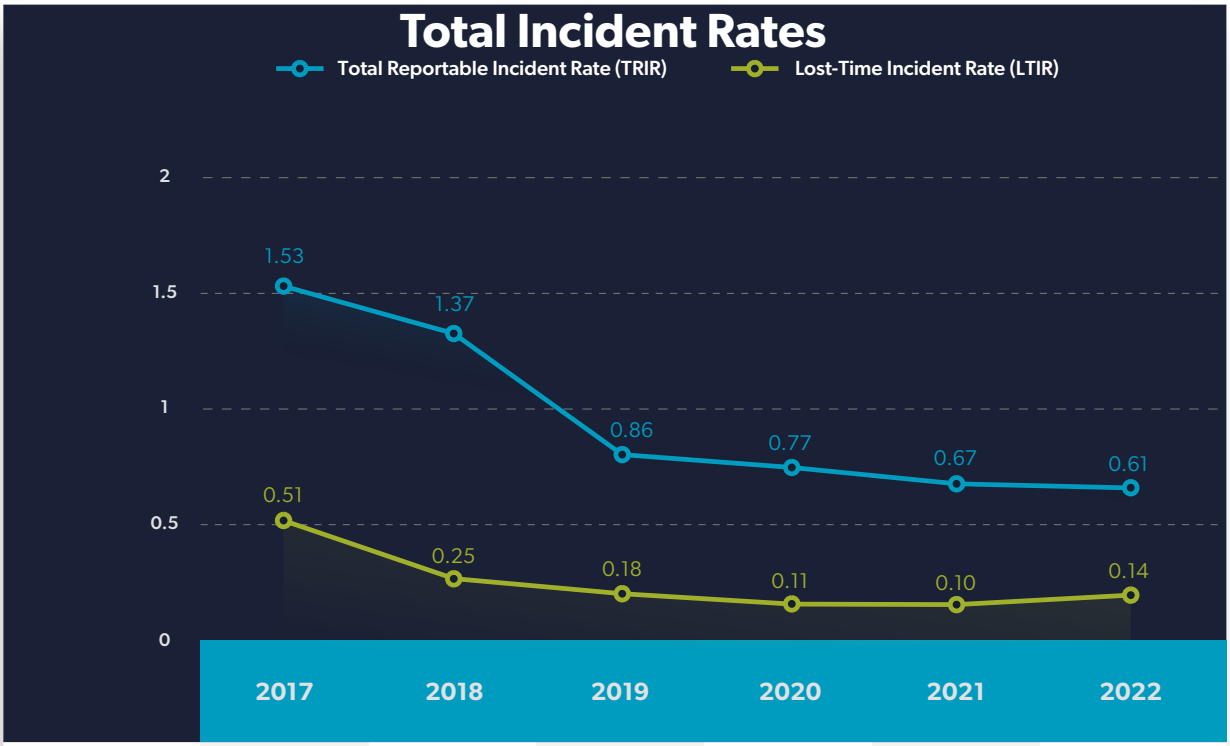


Source: Supplier.io

SOCIAL

WORKFORCE HEALTH & SAFETY

We take the responsibility for the safety of our employees, our company, and our communities seriously. Through safety trainings, continued education, and workshops, we ensure a safety-first mentality remains a top priority for all employees across our footprint. In 2022, our employees continued to embody our strong belief-based safety culture and we achieved the best TRIR in our company's history.



	2017	2018	2019	2020	2021	2022
Fatality Rate	0.03	0.00	0.00	0.00	0.00	0.00
Near Miss Frequency Rate	Unknown	Unknown	7.92	8.26	7.41	14.55

LOWEST TRIR (0.61)

in the history of U.S. Silica

6-YEAR CONSECUTIVE REDUCTION

consecutive reduction in TRIR

93% LOCATIONS

without a lost-time incident in 2022

CHAMPIONING A CULTURE OF SAFETY, EVERYDAY

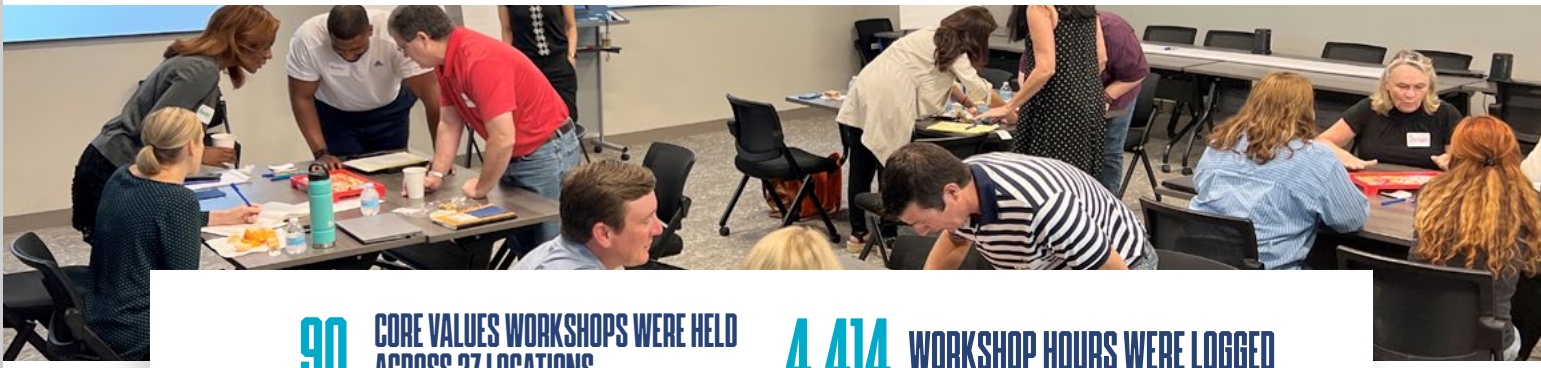
We are committed to maintaining a productive, safe, and healthy workplace by minimizing the risk of accidents, injury, and exposure to health risks. We seek to protect our employees, products, materials, equipment, systems, and information, by complying with all applicable regulatory requirements and implementing programs and processes to achieve greater protection, where appropriate. As industry practices evolve, so do our efforts to educate and train employees on the latest health and safety rules and regulations provided by the Occupational Safety and Health Administration (OSHA) and the Mine Safety and Health Administration (MSHA).

MINE SITE DRONE UTILIZATION

Across our footprint, we have 25 active mine sites that require monthly aerial surveying of material stockpiles, mine development, topographic surveys, survey control and other assets. Historically, each site would use outside contractors to conduct these surveys, which ranged from manual surveying to using drones or manned fixed wing airplanes. In 2022, U.S. Silica invested in building our own Internal Aerial Drone Program by partnering with a software provider. As part of this initiative, we purchased a fleet of drones and conducted training courses for staff to implement these technologies across site locations.

By implementing and learning from the analysis provided by these new technologies, we have effectively reduced highway travel for third party contractors and eliminated the use of manned aircraft surveys, ultimately saving fuel and decreasing greenhouse gas emissions. From a safety perspective, we have eliminated the risks associated with manual surveying, where employees risk falling or engulfment from climbing stockpiles. Additionally, these non-invasive property inspections have helped to preserve habitats in the surrounding areas.

Popcorn Perlite Mine | Nevada



90 CORE VALUES WORKSHOPS WERE HELD ACROSS 27 LOCATIONS

4,414 WORKSHOP HOURS WERE LOGGED

1,483 PEOPLE RECEIVED TRAINING

2,171 CORE CONVERSATIONS WERE HELD

CONTINUOUSLY IMPROVING OUR OPERATIONS

Across our footprint, our core values are engrained into daily operations. Through regular safety trainings, partnerships, conferences, and continuing education courses, we customize safety resources to ensure they reflect our own core values of Respect, Safety, Integrity, and Community. U.S. Silica employees are encouraged to participate in Belief-Based Safety and Core Values workshops, where attendees discuss the evolution of safety and how by championing the belief "Nobody Gets Hurt Today," U.S. Silica can further promote safe habits and behaviors in the workplace. The workshops challenged each employee to conduct a "Core Conversation" with colleagues. These conversations are one-on-one dialogues wherein the manager discusses safe work habits, the risks and potential impacts of unsafe work behaviors or conditions, and the "ripple effect" an injury can have on an individual's personal and professional community. By personally addressing and enforcing our Core Values and Belief-Based safety culture among employees, and by creating a positive peer pressure of safety, we minimized risks and significantly decreased safety-related incidents across our footprint.

ENVIRONMENTAL, HEALTH AND SAFETY SUMMIT

Since 2005, U.S. Silica has hosted the Environmental, Health and Safety (EHS) Summit, a program that focuses on bringing together EHS Coordinators and their teams to share best practices, provide professional development opportunities, and network with colleagues from different plant locations. With over 15 summits hosted to-date, the event has provided the opportunity for colleagues to come together, enhance their professional skills, develop their relationships, share best practices, and foster greater camaraderie across plant locations.

In 2022, the EHS Summit was combined with our periodic plant manager meeting. Hosted at Cacapon State Park in Berkely Springs, West Virginia, the event took place over several days in September, where the teams engaged in thoughtful discussions around future plans, strategies to enhance performance, and experienced team bonding activities. As an organization that values a strong workplace environment, this year's summit was a special opportunity for our teams to come together, learn from each other, and put our core values into action.

PRIORITIZING EMPLOYEE HEALTH AND SAFETY

The health and safety of our employees is of paramount importance. We take numerous precautions onsite to ensure the correct management of silica dust during operations. The engineering controls at our locations include dust collectors, exhaust hoods, proper ventilation, water, mist, and fog sprayers to control fugitive dust. Employees are required to wear properly fitted respirators and other personal protective equipment, as appropriate, and utilize housekeeping and maintenance best practices to reduce or eliminate dust exposure.

U.S. Silica also has a robust silica dust sampling program to ensure our engineering and administrative controls are effective and our employees are protected. Our plant and mine employees are enrolled in a medical surveillance program and undergo regular screening to ensure they are capable of safely carrying out their responsibilities.

In our oil and gas segment, one of the benefits of SandBox containers is that they minimize employee exposure to crystalline silica dust and are a safer solution for sand delivery, in addition to being compliant with OSHA respirable silica standards.

AWARDS

2022 CEO's Choice EHS Leadership Award Winner-
SandBox's Permian Team

"Nobody Gets Hurt Today!"

The Mal Morgan Award

Mal Morgan

"Nobody gets hurt today!" is the motto of our safety process and Core Values training workshops at U.S. Silica. The 4-word phrase was first introduced by Mal Morgan, a third-party trainer we contracted in 2019 to conduct a company-wide Core Values safety training campaign. He engaged U.S. Silica teams on the importance of our longstanding Core Values of Safety, Integrity, Respect, and Community, and inspired everyone in the process. Mal's workshops made a profound impact on the safety culture and morale of each plant.

Tragically, Mal passed away in 2021. In honor of his contributions to U.S. Silica and in recognition of his passion for keeping people safe, we established the Mal Morgan Award in 2022. Recipients of this prestigious award will be chosen annually by a vote from the US Silica EHS and Management teams and will be selected for their promotion of safety and our four Core Values.

The first ever Mal Morgan Award recipient was voted to be Jason Bish, Vice President, EHS.

"It's an amazing and humbling honor," Jason said of receiving the award. "I was lucky enough to accompany Mal and observe him conduct his Core Values workshops across the company. Over the years I watched Mal present hundreds of times. Mal had a unique gift for reading his audience, making a connection, and then delivering his message with a passion that literally changed people's lives. Mal would call the instant a connection was made the "ah-hah" moment, and there were a lot of them. I am proud to be a part of the process and continue what Mal has started. He's a hard act to follow but the company is challenged and dedicated to keeping the torch lit. Receiving this award from my peers, and being the first recipient of the Mal Morgan award, is an honor that I cannot explain. Mal has forever changed many lives and helped people understand the true reason to work safely and watch out for our fellow coworkers."

Mal's memory and the life lessons he taught us will never be forgotten at U.S. Silica.

SOCIAL

SECURITY, HUMAN RIGHTS & RIGHTS OF INDIGENOUS PEOPLES

In line with the UN Guiding Principles on Business and Human Rights, U.S. Silica recognizes our corporate responsibility to respect these principles. We commit to maintaining and improving systems and processes to avoid complicity in human rights violations related to operations, supply chain, and products and services.

Our employees are expected to treat co-workers, customers, and suppliers with dignity, and we are committed to providing a workplace free of any form of harassment or unacceptable treatment of workers. These fundamental human rights, freedoms, respect, and standards of treatment are rooted in our values and are consistent with our dedication to enriching our workplace, partnering with our supply chain, preserving the environment, and supporting the communities where we do business. It is our promise to regularly assess human rights-related risks and potential impacts, review policies and management processes, and seek input from stakeholders and the communities where we operate. We respect the rights and diversity of indigenous peoples, acknowledging the unique and vital interests that they have in the land, waters, and environment, as well as their history, culture, and traditional ways. We regularly engage with local communities and seek to better understand the social, cultural, environmental, and economic implications of our activities to be responsive to any concerns. We promise to work to optimize benefits and reduce negative impacts, both for the local community and the overall economy.

BEING IN COMMUNITY WITH INDIGENOUS PEOPLES

Our mining facility in Sanders, Arizona is located on Navajo Nation land, which spreads across northeastern Arizona, northwestern New Mexico, and a small portion of Utah. Understanding the importance of being good stewards of their land and collaborative community partners, we are proud to have built a positive and constructive relationship with the Nahata Dziil (New Lands) chapter. Working alongside the chapter, our contractors have remained committed to hiring Navajo-only teams in 2022, providing well-paying, quality jobs and spurring economic growth in the area.

U.S. Silica representatives interact with the chapter several times each year to discuss local issues. As part of these discussions, in 2021, we discovered that calcium bentonite clay, a product from our mining operations, is an important resource to the Navajo people for many cultural and ceremonial uses. In response, we began giving truckloads of this clay to the tribe, donating approximately 20 tons in 2022.

In addition, we are fortunate to have personal relationships with local chapter elders. As we did during the 2021 holiday season, in 2022 we partnered with the Nahata Dziil Senior Center to provide a meals of turkey, ham, various side dishes and holiday cheer!

TRUCKERS AGAINST TRAFFICKING

We partner with Truckers Against Trafficking, a non-profit organization that educates, equips, empowers, and mobilizes members of the trucking and energy industries to combat human trafficking. We strongly believe in Truckers Against Trafficking's mission and recognize that, due to the nature of our industry, we have an opportunity to take a stand against these crimes. As part of our onboarding and orientation processes, we actively support and promote Truckers Against Trafficking's educational resources and materials to ensure employees are informed of the warning signs of human trafficking and how they can assist law enforcement in the recognition and reporting of illegal activity. In 2022, more than 2,400 U.S. Silica affiliated truckers were registered as having completed the Truckers Against Trafficking training programs.

SOCIAL

COMMUNITY RELATIONS

U.S. Silica is committed to making a meaningful difference by supporting the communities where we live and work and by encouraging our employees to actively engage in service projects. Our commitment to our core values and stakeholders grows stronger every year and we wholeheartedly believe that regular engagement is a key component to maintaining positive relationships.

At the end of 2021, our company began providing employees with eight hours of employer-paid time off from regularly scheduled work or business hours to support volunteer activities at an organization and/or charity of their choice. We believe that this is an exciting opportunity that is guided by our core value of, "Community: We operate in our communities as good neighbors." We recognize our team members' passion for volunteerism and charitable efforts and look forward to enhancing and serving the communities where we live and work.

Over 700 hours of employer paid time off were donated for volunteer activities in 2022.

OPEN HOUSE COMMUNITY EVENT IN ROCKWOOD, MI

Our Rockwood, Michigan plant employees have worked diligently toward being better partners to the Rockwood community. They hosted the 2nd annual Rockwood Open House Community Event in the fall of 2022, welcoming families and plant neighbors to join them for tours of the facility, Halloween festivities, and a football watch party. The event enabled the Rockwood team to showcase their operations while building stronger relationships with their community.

PRESENTING BADGES TO SCOUTS NATIONWIDE

We presented the Boy Scouts of America Environmental Science Merit Badge to 13 children from various parts of the U.S., including Pennsylvania, Illinois, Ohio, and Michigan. This honor was given to those who completed the pre-requisite "homework" focused around learning the history, terms, and career opportunities available in environmental science. During our open house event in Rockwood, Michigan, we gave these future environmental scientists the opportunity to conduct several experiments and observations, allowing these local scouts to earn their Environmental Science or Sustainability badge to fulfill their Eagle Rank requirements.

DOING GOOD BY GIVING BACK

Severe weather devastated the Jackson, Mississippi, community in August 2022. Heavy rains and flooding overwhelmed the city's main water treatment plant, leaving residents without running water. The team at our Jackson plant secured several pallets of bottled water, each containing 280 cases, to support our employees, their families, and to donate to nearby Mary Belle Key Elementary School.

This water donation was not the first time U.S. Silica had interacted with Mary Belle Key Elementary. In fact, the Jackson plant is deeply involved with the local school community and participates in several initiatives each year. In 2022, U.S Silica team members served as judges for the annual science fair, hosted a Good Citizenship luncheon at the plant for 25 students, and participated in the school's beautification efforts. The plant also makes an annual donation of $2,500 in addition to participating in collection drives for school supplies and uniforms, socks for people experiencing homelessness, and canned goods for community food pantries.

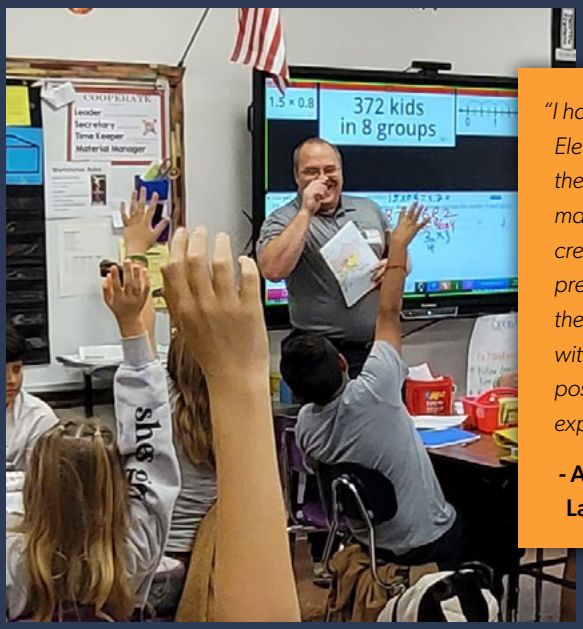
Jackson Team | Jackson, Mississippi

CHARITABLE CONTRIBUTIONS

In addition to employees donating their time through volunteering, U.S. Silica regularly makes financial contributions to various organizations across the country. In 2022, we made a total of $216,000 in monetary donations.

MAKING A DIFFERENCE WITH JUNIOR ACHIEVEMENT

In late 2021, U.S. Silica announced its corporate partnership with Junior Achievement. Junior Achievement's core purpose is "to inspire and prepare young people to succeed in a global economy" with key focus areas in financial literacy, work and career readiness, and entrepreneurship. For the 2021-2022 school year, U.S. Silica donated $92,000 along with many volunteer hours to support 16 local Junior Achievement area offices across the country. Our company's commitment to Junior Achievement represents our dedication to being positive role models in our communities, providing support and encouragement to young people and helping them understand the importance of developing academic and economic skills.



"I had the opportunity to teach the fifth-grade class at Crane Elementary School. I was amazed at how incredibly smart these kids are and the enthusiasm they had towards the course material and activities. I enjoyed seeing the children present creative and innovative solutions to the questions and problems presented to them. I also received compliments from some of the school staff members who said the students were sharing with them what they learned from the JA course. I believe it was a positive experience for the kids and it was definitely a rewarding experience for me."

- Adam Czajkowski, West Texas Plant Controller, Crane/ Lamesa, Texas

"Our volunteer did a fabulous job during the JA presentation. She was friendly, knowledgeable, and well-prepared. Along with the fun and engaging lessons, she made sure to go above and beyond to make sure the students understood the objective for each lesson. The most enjoyable part for the students was learning about entrepreneurship. The students enjoyed the lessons, and the partnership between our school district and the JA program helps teachers cover many learning objectives that have to be covered in each grade level."

- Rachel, Educator, Festus, Missouri

In addition to the Junior Achievement USA partnership, U.S. Silica was proud to become a new storefront sponsor of JA BizTown in Houston, Texas. BizTown is a Junior Achievement program that offers elementary school students the opportunity to visit several company-sponsored storefronts, interact with volunteers, and role play a variety of jobs. At the U.S. Silica storefront, students participate in a science, technology, engineering, and math-focused shop and assume roles like CEO and CFO to learn leadership and financial skills. U.S. Silica employees take turns volunteering at BizTown, which sees several field trips each week with approximately 125 students per visit. We are proud to work directly with the young people in our community and support their development as tomorrow's leaders.

A SAMPLE OF OUR NATIONWIDE IMPACT

JA of Central Virginia (Montpelier, Virginia) offered JA Finance Park with several curriculum programs and a budgeting simulation with virtual and in-person offerings.

JA of the Chisholm Trail (Crane & Lamesa, Texas) implemented programs across five classrooms.

JA of Southern Carolina (Columbia, South Carolina) implemented a "JA in a Day" program for 4th graders at Carolina Springs Elementary.

JA of Northern Nevada (Reno, Nevada) implemented JA curriculum in four 1st grade classrooms at Huffaker Elementary and one 5th grade classroom at Jessie Beck Elementary.

JA of Oklahoma (Mill Creek, Oklahoma) implemented "JA in a Day" at Mill Creek Elementary, supported by U.S. Silica volunteers.

With JA of New Jersey (Mauricetown, New Jersey), U.S. Silica had a booth display at JA Inspire Virtual. This virtual career fair gave youth the opportunity to explore careers in a variety of fields.

SOCIAL

LABOR RELATIONS

As of December 31, 2022, we employed a workforce of 2,013 employees, the majority of whom are hourly wage plant workers living in the areas surrounding our mining facilities.

Approximately 28% of our hourly employees were represented by labor unions. We believe that we maintain good relations with our workers and their respective unions and have not experienced any material strikes or work stoppages since 1987.

SOCIAL

DATA SECURITY

Protecting our cyber networks and online programs

U.S. Silica maintains an elevated focus on managing information security risks and provides continuing education and awareness for all employees. We have developed and implemented a comprehensive risk-based cybersecurity management program that is designed to identify, assess, manage, and mitigate information security risks facing our company. The underlying controls of this program are based on industry cybersecurity and information technology best practices and standards, such as International Organization for Standardization 27001 (ISO 27001) and National Institute of Standards and Technology (NIST) SP 800-53. We verify and drive improvements by performing periodic external maturity assessment of our cybersecurity program against the NIST Cybersecurity Framework (CSF).

All electronically connected U.S. Silica employees and contractors are required to complete annual trainings and certifications in information security best practices, phishing, software compliance, and data protection. We continuously invest in new cybersecurity solutions to improve digital safety across our footprint, as the vast majority of cyberattacks against companies originate through email. Every quarter, our employees receive a new installment of security awareness training videos where they are educated and quizzed on cybersecurity best practices, including how to detect and respond to threats. We also conduct weekly phishing simulations for all employees, in addition to dedicated awareness trainings for high-risk employees, like our accounting and accounts payable departments.

We achieved a phishing simulation susceptibility rate that was 4x better than the industry average.

ABOUT THIS REPORT

The information included in this report is subject to U.S. Silica's policies and requirements surrounding the disclosure of financial and non-financial data. The financial information included in this report was sourced from our Form 10-K filed with the SEC on February 24, 2023. All non-financial data included in this report was not subject to a third-party audit verification process.

FORWARD-LOOKING STATEMENTS

This Sustainability Report includes "forward-looking statements" within the meaning of the federal securities laws.

All statements other than statements of historical fact included in this Sustainability Report are forward-looking statements. Forward-looking statements give our current expectations and projections relating to our financial condition, results of operations, plans, objectives, future performance and business. These statements may include words such as "anticipate," "estimate," "expect," "project," "plan," "intend," "believe," "may," "will," "should," "could," "can have," "likely" and other words and terms of similar meaning.

For example, any statements we make relating to our estimated and projected costs and cost reduction programs; reserve and finished products estimates; demand for our products; the strategies of our customers; anticipated expenditures, cash flows, growth rates and financial results; our plans and objectives for future operations, growth or initiatives; strategies and their anticipated effect on our performance and liquidity; and the expected outcome or impact of pending or threatened litigation are forward-looking statements. All forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those that we expect. These risks and uncertainties include, but are not limited to, those described in Part I, "Item 1A. Risk Factors" and elsewhere in our latest Annual Report on Form 10-K (the "Form 10-K") filed with the Securities and Exchange Commission (the "SEC") and those described from time to time in our other more recent reports filed with the SEC.

We derive many of our forward-looking statements from our operating budgets and forecasts, which are based on many detailed assumptions. While we believe that our assumptions are reasonable, it is impossible for us to anticipate all factors that could affect our actual results. As a result, forward-looking statements are not guarantees of future performance, and you should not place undue reliance on any forward-looking statements we make.

If one or more of the risks described in our Form 10-K or other risks or uncertainties materialize (or the consequences of any such development changes), or should our underlying assumptions prove incorrect, actual outcomes may vary materially from those reflected in our forward-looking statements. The forward-looking statements included in our latest Form 10-K are made only as of the date thereof. We disclaim any intention or obligation to update publicly or revise such statements, whether as a result of new information, future events or otherwise. All written and oral forward-looking statements attributable to us, or persons acting on our behalf, are expressly qualified in their entirety by these cautionary statements as well as other cautionary statements that are made from time to time in our other filings with the SEC, and our other public communications.

2022 SASB INDEX

The Sustainability Accounting Standards Board ("SASB") is an independent, private sector standards-setting organization whose mission is to help businesses around the world identify, manage, and report on the sustainability topics that SASB believes matter most to investors. According to the SASB's Sustainable Industry Classification System®, we determined the two industry standards listed below most accurately reflect our business operations. This index references only the disclosure topics within those two standards that we believe are significant and relevant to our business.

* Metals & Mining (Code EM-MM)
* Construction Materials (Code EM-CM)

Code	Accounting Metric	Unit of Measure	2021 Response	2022 Response
Greenhouse Gas Emissions				
EM-MM-110a.1	Gross global Scope 1 emissions *	Metric tons (t) CO -e,	416,452	462,073
	Percentage covered under emissions-limiting regulations	Percentage (%)	98%	97%
EM-MM-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	n/a	See Page 23, 2021 Report	Page 29
Air Quality				
EM-CM-120a.1 EM-MM-120a.1	(1) CO	Metric tons (t)	631.9	707.3
	(2) NOx (excluding N_2O)	Metric tons (t)	1,582.1	1,860.6
	(3) SO_x	Metric tons (t)	504.5	597.9
	(4) particulate matter (PM_z)	Metric tons (t)	658.3	703.8
	(5) mercury (Hg)	Metric tons (t)	0	0
	(6) lead (Pb)	Metric tons (t)	0	0
	(7) dioxins/furans	Metric tons (t)	0	0
	(8) volatile organic compounds (VOCs)	Metric tons (t)	221.2	254.7
	(9) polycyclic aromatic hydrocarbons (PAHs)	Metric tons (t)	0	0
	(10) heavy metals	Metric tons (t)	0	0

* We are undergoing a thorough review of all emissions data categories. Through this review process, we have identified, and may continue to identify, particular gaps that result in a restatement of certain 2021 data.

Code	Accounting Metric	Unit of Measure	2021 Response	2022 Response
Energy Management				
EM-MM-130a.1	(1) Total energy consumed	Gigajoules (GJ)	1,335,816.1	1,355,215.9
	(2) percentage grid electricity	Percentage (%)	100%	100%
	(3) percentage renewable	Percentage (%)	0%	0%
Water Management				
EM-CM-140a.1 EM-MM-140a.1	(1) Total fresh water withdrawn	Thousand cubic meters (m^3)	84,640	44,583
	(2) total fresh water consumed	Thousand cubic meters (m^3)	30,977	21,674
	(3) percentage recycled	Percentage (%)	102.8	110.13
	(4) percentage in regions with High or Extremely High Baseline Water Stress	Percentage (%)	3.4% withdrawn, 7.0% consumed	8.0% withdrawn, 16.4% consumed
EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Number	1	0
Waste & Hazardous Materials Management				
EM-MM-150a.4	Total weight of non-mineral waste generated	Metric tons (t)	14,369	14,427
EM-MM-150a.5	Total weight of tailings produced	Metric tons (t)	4,188,471.4	2,565,868.0
EM-MM-150a.6	Total weight of waste rock generated	Metric tons (t)	18,060.0	35,679.9
EM-MM-150a.7	Total weight of hazardous waste generated	Metric tons (t)	0.8	2.1
EM-MM-150a.8	Total weight of hazardous waste recycled	Metric tons (t)	0.8	0.1
EM-MM-150a.9	Number of significant incidents associated with hazardous materials and waste management	Number	0	0
EM-MM-150a.10	Description of waste and hazardous materials management policies and procedures for active and inactive operations	n/a	n/a	Page 35

Code	Accounting Metric	Unit of Measure	2021 Response	2022 Response
Biodiversity Impacts				
EM-MM-160a.1	Description of environmental management policies and practices for active sites	n/a	Page 28, 2021 Report	Page 36
EM-MM-160a.2	Percentage of mine sites where acid rock drainage is: (1) predicted to occur	Percentage (%)	0%	0%
	Percentage of mine sites where acid rock drainage is: (2) actively mitigated	Percentage (%)	0%	0%
	Percentage of mine sites where acid rock drainage is: (3) under treatment or remediation	Percentage (%)	0%	0%
EM-MM-160a.3	Percentage of (1) proved reserves in or near sites with protected conservation status or endangered species habitat	Percentage (%)	92.8% sand; 0.7% clay; 6.5% DE; 0% aplite	92.8% sand; 0.7% clay; 6.5% DE; 0% aplite
	Percentage of (2) probable reserves in or near sites with protected conservation status or endangered species habitat	Percentage (%)	61.7% sand; 6.7% clay; 23.8% DE; 7.8% aplite	61.7% sand; 6.7% clay; 23.8% DE; 7.8% aplite
Security, Human Rights & Rights of Indigenous Peoples				
EM-MM-210a.1	Percentage of (1) proved reserves in or near areas of conflict	Percentage (%)	0%	0%
	Percentage of (2) probable reserves in or near areas of conflict	Percentage (%)	0%	0%
EM-MM-210a.2	Percentage of (1) proved reserves in or near indigenous land	Percentage (%)	4.0% sand	4.0% sand
	Percentage of (2) probable reserves in or near indigenous land	Percentage (%)	0.8% clay	0.8% clay
EM-MM-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	n/a	Page 36, 2021 Report	Page 48
Community Relations				
EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	n/a	Page 13, 2021 Report	Page 18
EM-MM-210b.2	Number and duration of non-technical delays	Number, Days	0; 0	0; 0

Code	Accounting Metric	Unit of Measure	2021 Response	2022 Response
Labor Relations				
EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	Percentage (%)	29%	28%
EM-MM-310a.2	Number and duration of strikes and lockouts	Number, Days	0; 0	0; 0
Workforce Health & Safety				
EM-MM-320a.1	(1) MSHA all-incidence rate	Rate	TRIR - 0.67; LTR - 0.10	TRIR - 0.61; LTR - 0.14
	(2) fatality rate	Rate	0.0	0.0
	(3) near miss frequency rate (NMFR)	Rate	7.41	14.55
	(4) average hours of health, safety, and emergency response training for (a) fulltime employees	hours	29	35
	(4) average hours of health, safety, and emergency response training for (b) contract employees	hours	29	35
EM-CM-320a.2	Number of reported cases of silicosis	Number	0	0
Product Innovation				
EM-CM-410a.1	Percentage of products that qualify for credits in sustainable building design and construction certifications	Percentage (%) by annual sales revenue	<1%	6.5%
EM-CM-410a.2	Total addressable market and share of market for products that reduce energy, water, and/or material impacts during usage and/or production	Reporting currency, Percentage (%)	$1.6B; 2%	$1.7B; 1.4%

Code	Accounting Metric	Unit of Measure	2021 Response	2022 Response
Business Ethics & Transparency				
EM-MM-510a.1	Description of the management system for prevention of corruption and bribery throughout the value chain	n/a	Page 15, 2021 Report	Page 20
EM-MM-510a.2	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	Metric tons (t) saleable	0	0
Tailings Storage Facilities Management				
EM-MM-540a.1	Tailings storage facility inventory table: (1) facility name, (2) location, (3) ownership status, (4) operational status, (5) construction method, (6) maximum permitted storage capacity, (7) current amount of tailings stored, (8) consequence classification, (9) date of most recent independent technical review, (10) material findings, (11) mitigation measures, (12) site-specific EPRP.	Various	n/a	As this is a new metric, we did not track the applicability for a complete tailings storage facility inventory table in 2022. We are working on developing a strategy to track and disclose tailings storage facility inventory data in future reports.
EM-MM-540a.2	Summary of tailings management systems and governance structure used to monitor and maintain the stability of tailings storage facilities.	n/a	n/a	Our tailings management systems are governed by our "Environmental Quality Management Plan" Corporate Policy and federal/state/local requirements that outline impoundment inspection procedures, practices, and inspection records.
EM-MM-540a.3	Approach to development of Emergency Preparedness and Response Plans (EPRPs) for tailings storage facilities.	n/a	n/a	Tailings storage facilities and related plans are guided by our "Environmental Quality Management Plan" Corporate Policy and federal/state/local regulations.
Pricing Integrity & Transparency				
EM-CM-520a.1	Total amount of monetary losses as a result of legal proceedings associated with cartel activities, price fixing, and anti-trust activities	Reporting currency	$0	$0
Accounting Metrics				
EM-CM-000.A	Production by major product line	Metric tons (t)	ISP = 4,226,532t; O&G = 11,609,791t	ISP= 4,361,483t O&G= 13,654,110t
EM-MM-000.B	Total number of employees, percentage contractors	Number, Percentage (%)	1,819; 0%	2,013; 0%

US SILICA®

24275 Katy Freeway, Suite 600
Katy, TX 77494

PHONE (800) 243-7500
FAX (301) 682-0691

ussilica.com