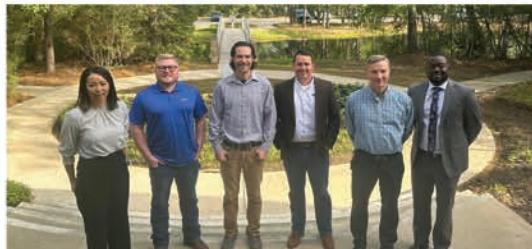


# SUSTAINABILITY REPORT

Issued April 2023





NEXUS OF CLEAN™

ONECHART™

ONE GLOBE

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“Chart’s vision is to be the **global leader in the design, engineering and manufacturing of process technologies and equipment for gas and liquid molecule handling for Nexus of Clean™** - clean power, clean water, clean food and clean industrials, regardless of molecule.”

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**JILLIAN EVANKO / CEO**  
CHART INDUSTRIES



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/ PART 1

# ABOUT CHART



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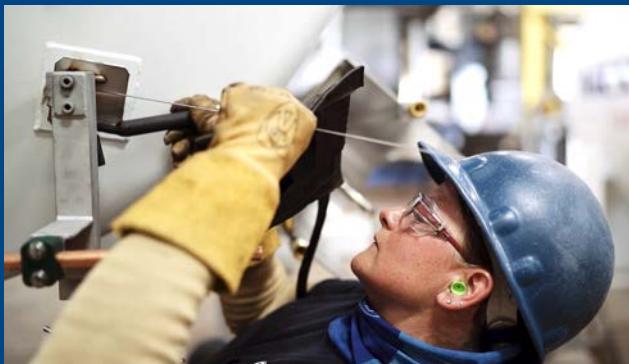
Chart Industries Inc. (NYSE: GTLS) is a leading global manufacturer of highly engineered equipment servicing multiple applications in the Energy and Industrial Gas markets. Our unique product portfolio is used in every phase of the liquid gas supply chain, including upfront engineering, service and repair. Being at the forefront of the clean energy transition, Chart is a leading provider of technology, equipment and services related to liquefied natural gas, hydrogen, CO<sub>2</sub> capture and water treatment, among other applications.

Chart is committed to excellence in environmental, social and governance (ESG) performance for our Company as well as our customers, suppliers and partners. With 64 global manufacturing locations throughout the U.S., China, Australia, India, Europe and South America, we maintain accountability and transparency to our team members, suppliers, customers and communities. Based in Ball Ground, Georgia, USA, Chart had 5,178 team members, including 2,790 in the U.S. and 2,388 international, as of Jan. 31, 2023. Following our acquisition of Howden, which closed on March 17, 2023, we have 11,725 team members. To learn more, visit [www.Chartindustries.com](http://www.Chartindustries.com).



**CHART'S BUSINESS SEGMENTS**

As of 12/31/2022, prior to our acquisition of Howden

**CHART VALUES****1****SAFETY**

If it can't be done safely, don't do it.

**2****STRONG WORK ETHIC AND INTEGRITY**

Work ethic is an attitude of determination and dedication toward your job. Do what you say and do it responsibly.

**3****STAKEHOLDER ORIENTATION**

They're why we're here – we're dedicated to meeting the expectations and requirements of all stakeholders.

**4****GIVING BACK, HAVING FUN**

Fun, challenging, rewarding, individual growth opportunities.

**5****DELIVERING RESULTS: ACTIVELY SEEK PROFITABLE GROWTH**

Pursue all appropriate value-increase strategies; don't apologize for value prices.

**1 / HEAT TRANSFER SYSTEMS**

- Air Cooled Heat Exchangers
- Biogas Liquefaction
- Cooling Axial Fans
- Helium Liquefiers
- LABLEX
- LNG Liquefaction Plants
- Small Scale LNG
- SPINTUBE
- Turboexpander Aftermarket
- Axial Flow Fans
- Braze Aluminum Heat Exchangers
- Hairpin Heat Exchangers
- Hydrogen Liquefiers
- LNG Equipment
- Nitrogen Rejection Units
- Specialty Heat Exchangers
- Turboexpanders

**3 / SPECIALTY MARKETS**

- Aerospace
- Carbon Dioxide Enrichment
- Flow Measurement
- Helium Liquefiers
- Hydrogen Fueling Stations
- Laser Assist Gas Systems
- LNG Fueling Stations
- Nitrogen Dosing
- Water Treatment
- Biogas Liquefaction
- Carbon Capture
- Fuel Systems
- Hydrogen Energy
- Hydrogen Liquefiers
- Liquid Air Energy Systems
- Marine Systems
- Small Scale Carbon Capture

**2 / CRYOGENIC TANK SOLUTION**

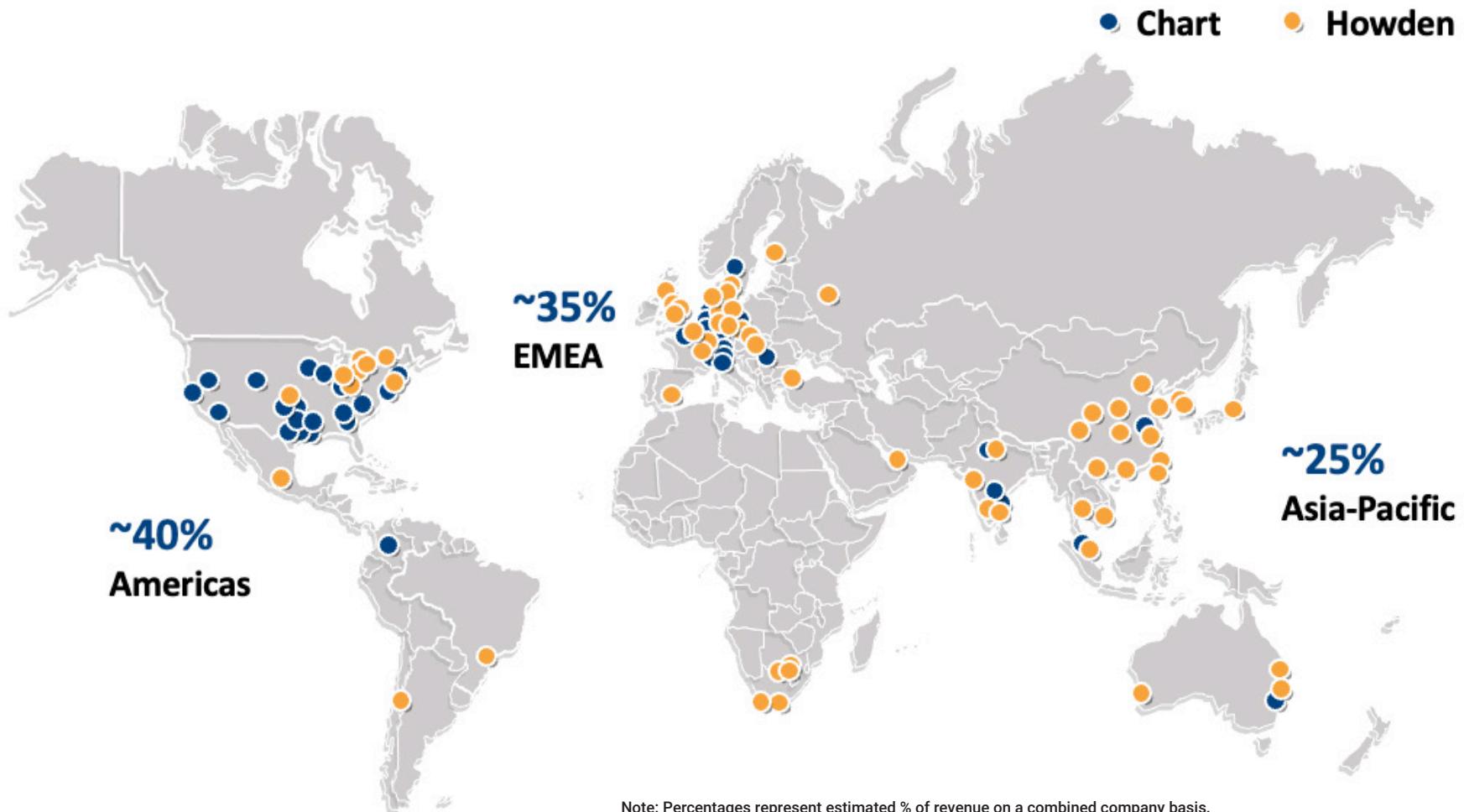
- Bulk CO<sub>2</sub> Carbonation
- Carbon Dioxide Enrichment
- Flow Measurement
- ISO Containers
- Liquid Cylinders
- Marine Systems
- MicroBulk Delivery Systems
- Nitrogen Dosing
- Safety Valves
- Vacuum Insulated Pipe
- Bulk Storage Tanks
- Cryogenic Transport Trailers
- Helium Products
- Laser Assist Gas Systems
- LNG Equipment
- Medical Oxygen Products
- MicroBulk Storage Systems
- Non-cryogenic Transport Trailers
- Small Scale LNG
- Vaporizers

**4 / REPAIR, SERVICE & LEASING**

- Cryo-Lease Equipment
- Parts, Repairs & Services
- Europe Aftersales
- Turboexpander Aftermarket



## A GLOBAL FOOTPRINT TO SERVE CUSTOMERS LOCALLY



Note: Percentages represent estimated % of revenue on a combined company basis.  
Locations inclusive of the Howden acquisition

# Chart Industries 2022 ESG Performance Report

Chart is committed to excellence in our ESG performance as we enable the transition to a low-carbon economy. We're continually working to strengthen our ESG performance to support our business strategy for growth and profitability and our corporate culture.

The Chart Industries 2022 ESG Performance Report summarizes our results and metrics for relevant disclosure topics in the Sustainability Accounting Standards Board's (SASB) Industrial Machinery & Goods Sustainability Accounting Standard and our contributions to the United Nations' Sustainable Development Goals (SDGs). Chart uses the framework developed by the Task Force on Climate-related Financial Disclosure (TCFD) to inform and report climate-related risks and opportunities.

This report covers Chart's operated assets worldwide from Jan. 1, 2022, to Dec. 31, 2022, unless otherwise noted. On March 17, 2023, we closed on our acquisition of Howden. You can reference their 2022 ESG Review here: [Howden 2022 ESG Report](#). We will include relevant Howden statistics and information in this report.

## REPORT APPROVAL

Chart is committed to providing accurate information about our ESG performance. The content in this report was provided by Chart executives, managers and subject matter experts, approved by our executive leaders and CEO as well as reviewed by the Chart Board of Directors. We review ESG progress during each of our Board of Directors meetings.

## MATERIALITY ASSESSMENT

To help determine content for this report, the Chart CEO and other executive team members participated in a materiality assessment workshop facilitated by a third-party sustainability consultant. The team reviewed topics sourced from peer group materials, SASB and Global Reporting Initiative (GRI) standards and other common reporting frameworks to inform the materiality assessment. Chart leaders identified key stakeholders and material areas for reporting and mapped them on a materiality matrix.

The consultant also created a strategic reporting plan which identified SASB, plus additional indicators relevant to Chart's business, as the most pertinent custom framework to guide ESG reporting. To prepare for this report, Chart and our consultant reviewed the latest ESG ratings and input from investor engagements and added new metrics of importance to stakeholders. We continue to update and adapt our ESG disclosures in response to stakeholder input and to accurately report Chart's ESG progress as the Company expands our global presence as a leader in the clean energy transition.

Note that the concept of materiality used in the preparation of this report is not meant to correspond to the concept of materiality associated with disclosures required by the U.S. Securities and Exchange Commission (SEC).

## FEEDBACK

Chart welcomes feedback from investors and stakeholders. Please contact our Investor Relations department at (770) 721-8899 or at [InvestorRelations@chartindustries.com](mailto:InvestorRelations@chartindustries.com) or our Sustainability department at [Sustainability@chartindustries.com](mailto:Sustainability@chartindustries.com) with your comments and questions.



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ESG REPORT

/ PART 2

# LETTER FROM THE CEO



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## MACRO TRENDS DRIVING CHART'S BUSINESS

- + Global Energy Security, Independence, Resiliency and Availability
- + Aggressive GHG and CO<sub>2</sub> Reduction Goals Being Established Globally in the Public and Private Sectors
- + Population and Economic Growth
- + Role of Corporate Sustainability

### DEAR CHART STAKEHOLDER,

At Chart, we're proud to be a leader in the transition to a low-carbon economy. We're committed to continuous improvement in sustainability and embrace the opportunity to keep the Company's environmental, social and governance (ESG) performance at the forefront of our business. We're intently focused on helping customers find the cleanest, most innovative solutions to achieve their own business goals and objectives, and to operate as sustainably as possible.

We also recognize the importance of setting an example for transparent reporting of our own ESG activities. That's the aim of this 2022 ESG Performance Report – to share the progress we continue to make on our ESG journey. This includes ongoing efforts to reduce our carbon footprint, foster a diverse and inclusive workplace and operate safely and with strong ethics and integrity.

In 2022, we continued to grow our business both organically and inorganically, further promoting what has become an intrinsic part of our business, the Nexus of Clean™ – clean power, clean water, clean food and clean industrials. Our strategic acquisitions and investments were indicative of our goal to thoughtfully expand our portfolio of solutions, to capitalize on additional clean opportunities and to help our clients achieve their ESG goals. We were pleased to add Fronti Fabrications of Palmerton, Pennsylvania (USA), another cryogenic industry partner, to our ChartWater™ team, which will help us meet growing demand for LNG and hydrogen/helium liquefaction. Also, by welcoming Cryogenic Service Center AB (CSC) of Sweden, we were able to expand the geographic footprint of our Repair, Service and Leasing business while also broadening our capabilities for existing customers.

At the end of 2022, we announced our definitive agreement to acquire Howden, a leading global provider of mission-critical air and gas handling products, operating in 35 countries globally. Closed in March 2023, this combination brings together two industry leaders and allows us to further penetrate existing markets and provide access to new specialty markets, establishing Chart as the undisputed leader in the clean energy transition. To learn more about Howden's commitment to ESG, please see their latest ESG Report here: <https://www.howden.com/en-us/company/esg>

I'm also very excited about the new partnerships we formed in 2022. Through these collaborations, we're helping to develop a zero-emission, hydrogen fuel-cell vehicle capable of covering 1,000 miles in one fueling; promoting bigger agricultural harvests and more efficient water use by utilizing excess industrial carbon dioxide; and supporting implementation of additional carbon-capture solutions in markets around the world, among other projects and developments.

This year, we achieved our intermediate target of reducing our carbon intensity by 30% compared to our 2020 baseline well in advance of our 2030 goal. While we remain committed to achieving carbon-neutral operations by 2050, we have also set a new target to reduce GHG intensity 50% by 2030, relative to our 2020 baseline. We continue to look for ways to improve energy efficiency and reduce water consumption at our sites.

**"This year, we achieved our intermediate target of reducing our carbon intensity by 30% compared to our 2020 baseline well in advance of our 2030 goal, and we remain committed to achieving carbon-neutral operations by 2050."**

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In 2022, we made the decision to convert all of our global facilities to energy-efficient lighting, such as LEDs. We also require our sites to implement water-management and recycling programs. Additionally, we now include an ESG component in our Authorization for Expenditure (AFE) process, requiring team members to quantify the ESG impact of forthcoming capital projects as a way to help meet our internal sustainability targets. We also include ESG metrics as part of our short-term incentive process, directly tying executive compensation to reaching our ESG targets.

When it comes to achieving our ESG and overall business objectives, it starts with a committed effort from our people. Core to everything we do is safety, and we continuously look for new programs and training opportunities to encourage safe operations among team members. One example of this was, in 2022, our Global

Safety Council initiated its first Joint Divisional Safety Session at our facility in the Czech Republic. Attendees spent three days discussing and simulating best practices for identifying and preventing potentially dangerous situations. We plan to repeat the exercise in 2023.

One of the indicators we use to measure safety performance is Total Recordable Incident Rate (TRIR). I couldn't be happier to report that we achieved a global TRIR of 0.52 in 2022, the lowest in Company history. Many of our sites also set records for the number of days without a recordable incident, with 29 sites having achieved a year without an incident. Safety is also Howden's #1 priority, having achieved a TRIR of 0.54 in 2022. We remain committed to improving these numbers and aiming for a zero accident workplace.

We continue to look for opportunities that encourage team members to make Chart a better company. In 2022, we launched our first employee resource group (ERG), Chart Network of Women (NOW), to elevate the recruitment of women, promote career development and professional advancement and influence cultural change regardless of gender. Multiple Chart sites have formed local NOW chapters, and we're broadening the effort in 2023 in the U.S. and abroad. Additional ERGs for other groups with shared interests are also underway such as an LGBTQIA+ ERG and a Young Professionals ERG.

As a way to ensure that every team member can contribute to Chart's success, we held our first Global Innovation Contest in 2022, which garnered hundreds of submissions from team members across the globe. The three winning submissions were from our facilities in Ornago, Italy, La Crosse, Wisconsin (USA) and Hyderabad, India and represented three different parts of the business – field/technical services, information technology and ESG/marketing. The contest demonstrated the diversity of thought and perspectives of our team members, and many ideas have already been implemented.

Diversifying our workforce remains a priority, and we have set real, measurable targets to show that. Two important targets we have set to achieve by 2030 are to increase female representation to 40% on our management team and to 35% in senior roles within the Company.



**"The health and safety of our team members is our #1 priority as we continue to aim for zero accidents in the workplace. We are proud to have achieved our lowest Total Recordable Incident Rate (TRIR) in our company history in 2022, further demonstrating our commitment to safety and our increasing measures to enforce safety as an integral part of our culture."**

We continue to make progress in corporate philanthropy by assisting local communities through our Giving Back Program. In 2021, we announced we will provide donations of up to \$250 per team member per year as well as grant one day of paid time off annually for team members to give back to a nonprofit organization of their choosing. We have been able to financially support ≈50 charities or programs in our local communities chosen by our team members. We're proud to announce our new target to achieve team member volunteer participation of 25% as part of our community program by 2030.

Additionally, strong corporate governance underpins everything we do at Chart. Led by our Board of Directors, conducting business with the highest regard for ethics and integrity is foundational to operational excellence. I'm proud to report that, four of our seven directors (57%) are female, four of seven are diverse and, for the first time at Chart, our Board Chair is female and diverse.

There's never been a more urgent need to shift to a sustainable, low-carbon economy, and we will continue to help support this global endeavor both for our company and with our customers. Thank you for taking time to learn more about the next steps in Chart's ESG journey.

Sincerely,

A handwritten signature in blue ink that reads "Jillian".

**Jillian (Jill) Evanko**  
Chief Executive Officer, Chart Industries



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# HIGHLIGHTS



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## United Nations Sustainable Development Goals (SDGs)

Chart contributes to many of the UN SDGs, a global blueprint for a more peaceful, prosperous and sustainable future. Our 2022 achievements supporting the SDGs include:



### SDG 6 CLEAN WATER AND SANITATION

- ChartWater™ BlueInGreen's supersaturated dissolved oxygen (SDOX®) technology was used at Sao Paulo Brazil's state water and sanitation utility to remediate the polluted Pinheiros River. The additional opportunity to help treat water in Brazil using SDOX® technology led to the establishment of subsidiary ChartWater™ Brazil in May 2022 and introduced ChartWater's Treatment-as-a-Service (TaaS) business model in December 2022.
- ChartWater™'s AdEdge business custom-designed a water treatment system to treat per- and polyfluoroalkyl substances (PFAS) and arsenic among other contaminants in Ramsey, New Jersey, removing contaminants from the community's drinking water. This is just one example of the ways we are helping communities and municipalities treat their water and achieve their business and sustainability goals.



### SDG 7 AFFORDABLE AND CLEAN ENERGY

- Chart provides equipment and solutions related to LNG including Small-Scale LNG (ssLNG), Floating LNG (FLNG), and Big LNG, a key linkage to energy access and security.
- Chart received our first order for a liquid hydrogen ship fuel system that will feed a zero-emission propulsion system.
- Chart received our first order for an LNG vehicle fueling station from Shell India, advancing the deployment of low-emission fuels.
- Chart successfully tested our on-board liquid hydrogen (HLH2) fuel tank to power a fuel cell with our partner Ballard Power Systems.
- Chart acquired Fronti Fabrications, a job shop in Pennsylvania that works closely with our Cryo Technologies team to fabricate hydrogen and helium cold boxes, enhancing our position in the hydrogen and helium liquefaction market.
- Chart signed an agreement with Gemini Motor Company and Ballard Power Systems to collaborate on the development of a zero-emission fuel-cell Class 8 autonomous vehicle.
- Chart began a global collaboration with Raven SR Inc. on the liquefaction, storage and transportation of hydrogen as well as sequestered pure carbon dioxide.
- Chart is supporting Babcock & Wilcox (B&W) on further deployment of their BrightLoop hydrogen generation technology, using our integrated hydrogen liquefaction and Cryogenic Carbon Capture™ (CCC) equipment and expertise.
- Chart and Nikola are partnering to provide equipment for infrastructure and fueling stations supporting Nikola's hydrogen fuel-cell heavy-duty trucks.



## SDG 8 DECENT WORK AND ECONOMIC GROWTH

- Based on a suggestion from our Global Diversity & Inclusion Committee, Chart launched our first Employee Resource Group (ERG), Chart Network of Women (NOW), sponsored by CEO Jill Evanko, and established a mentorship program open to all team members regardless of gender.
- Two additional ERGs will be launched in 2023: an LGBTQ+ ERG and an ERG for Young Professionals to foster career development. We encourage team members to come forward with suggestions for other ERGs.
- Chart celebrated our second annual Week of Understanding to raise awareness about D&I and inclusivity in the workplace.
- Every team member is required to complete Unconscious Bias training on an annual basis.
- We issued our new parental leave policy that provides up to two weeks paid leave for the birth of a child or placement of a child with an employee for adoption or foster care. Leave can be taken anytime during the 12-month period immediately following the birth, adoption or placement of a child.
- 2022 was the fourth year of our Emerging Leaders and Engineering Fellows development programs. Both programs achieved a record number of participants in 2022.
- Chart launched our first annual Global Innovation Contest, recognizing three winners from three different parts of the Company and three different continents.
- We were recognized as a Women Business Collaborative Company of Purpose.
- Chart was recognized in goBeyondProfit's "In Good Company" Report for being one of Georgia (USA)'s most generous companies.
- Chart received Frost & Sullivan's Enlightened Growth Leadership Best Practices award recognizing our superior ESG performance.



## SDG 12 RESPONSIBLE CONSUMPTION AND PRODUCTION

- Our Earthly Labs CiCi® technology is used by breweries to capture waste carbon dioxide produced during fermentation, purify it and reuse it to package beer. Wineries, dry ice and other businesses are using our technology for similar purposes.
- Our Sustainable Energy Solutions (SES) Cryogenic Carbon Capture™ (CCC) technology eliminates most emissions from fossil fuels while enabling better use of intermittent renewables through grid scale energy storage. Carbon dioxide is frozen out from the exhaust gases and the solids are separated from the gases prior to the latter being vented to atmosphere. As well as removing >98% of the CO<sub>2</sub>, CCC also removes NOx, SOx and other pollutants from exhaust gases.



## SDG 13 CLIMATE ACTION

- Since 2012, Chart's site in Gablingen, Germany, has used solar panels to generate its own power. In 2022, for the first time, the facility generated more electricity than it used during the year.
- Chart's executive team committed to upgrading to energy-efficient lighting at all Chart sites globally, further promoting our commitment to finding energy-efficient alternatives and pursuing energy-saving initiatives.
- We launched an ESG incentive to our Authorization for Expenditure (AFE) process to encourage sustainable capital projects at our facilities, a significant step in reducing our emissions and achieving our climate targets.
- We're collaborating with C.A.T. Group to bring carbon-capture solutions to customers in the Middle East and Africa.
- We're working with CarbonCure Technologies to advance collaboration on equipment for the storage and transport of liquid carbon dioxide.
- We're partnering with Wolf Carbon Solutions U.S. LLC on projects using Chart's Sustainable Energy Solutions' (SES) Cryogenic Carbon Capture™ (CCC) technology.



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/PART 4

# ENVIRONMENT

Pictured: Chart's Fronti Fabrications shop in Palmerton, Pennsylvania (USA)



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**In 2021, Chart set an ambitious target to reduce greenhouse gas (GHG) intensity by 30% across Company-owned operations by 2030 compared to a 2020 baseline and to achieve carbon neutrality by 2050.**

Chart is proud to be recognized as a leader in the clean energy transition by providing technology, equipment and services related to liquefied natural gas (LNG), hydrogen, biogas, carbon capture and water treatment to global customers, and our solutions are expanding.

During 2022, we continued to invest organically and inorganically in the Nexus of Clean™ – clean power, clean water, clean food and clean industrials. Our portfolio includes the most comprehensive suite of clean innovative solutions for the various markets we serve. But that's only part of our story. At Chart, we're committed to environmental stewardship, sustainable business practices and doing what's right to protect the communities where we live and work. We manage the impacts of our operations on the environment and expect the utmost attention to safety and sustainability from every team member.

We're uniquely positioned to help our customers reach their ESG goals. In 2022, we saw broad-based demand for our product categories in the diverse geographies where we operate, reflected in the addition of 327 new customers. We think of our equipment as molecule and technology agnostic, so we can find a solution for a variety of customers' needs. This is demonstrated in 91 First of a Kinds (FOAKs) in 2022 – customers using our equipment and solutions in new ways and with new applications. When we engage with many of our major customers, we consistently receive positive feedback for our role in helping them achieve their own sustainability goals and requirements.

## FULL SOLUTION PLATFORMS ACROSS THE

NEXUS OF CLEAN™



**CLEAN POWER**  
Hydrogen, Helium,  
LNG, Biogas



**CLEAN WATER**  
Water and Wastewater  
Treatment, Desalination



**CLEAN FOOD, BEVERAGES  
& AGRICULTURE**  
Small-Scale Carbon Capture,  
Clean Beverages



**CLEAN INDUSTRIALS**  
Post-Combustion Carbon  
Capture, Hydrogen, Helium

## OneChart™

OneChart™ refers to Chart being one company with a family of various brands. These brands include AdEdge, Air-X-Changers, BlueInGreen, Burton Corblin, ChartWater™, Cofimco, CPI, Cryo Diffusion, Cryogenic Service Center, Cryo Technologies, Earthly Labs, FEMA, Flow Instruments, Fronti Fabrications, GOFA, Howden, Hudson, IMB, Kuhnle, Kopp & Kausch, L.A. Turbine, Maintenance Partners, Peter Brotherhood, Roots, Rothenmuhle, Sustainable Energy Solutions, Smithco, Spencer, Thomassen Reciprocating Compressors, Turblex, Turbo, VCT Vogel, and VRV.



## FOUNDERS' INNOVATION TEAM



### Building On Our OneChart™ Strategy Through Our Founders' Innovation Team

Following our Nexus of Clean™ acquisitions in the past few years, we're privileged to have the founders and CEOs of the companies remain a part of the Chart family as contributors to our Founders' Innovation Team. The team is in its third year in 2023 and remains focused on its mission.

- Driving cross synergies from idea to execution
- Identifying and escalating opportunities for new product development/R&D
- Identifying opportunities to share resources
- Promoting our ChartWater™ concept – ensuring we're working as an aligned team

In 2022, the Founders' Innovation team carried out their mission through a three-pronged approach of expanding existing memoranda of understanding to touch other areas of our business, developing our ChartWater™ business model by sharing facilities, resources, processes and tools to continue to grow stronger together, and continuing to generate new product development ideas. Examples included:

- Through our Founders collaboration, we were able to pull through our ultrapure water treatment solution for electrolyzers, bulk CO<sub>2</sub> tanks, as well as technology and equipment related to hydrogen liquefaction systems to a hydrogen plant project in our backlog.
- We have continued to add on Earthly Labs small-scale carbon capture sales to our existing bulk CO<sub>2</sub> tank orders.
- We leveraged control panel shops at our facilities to help alleviate lead time concerns across the OneChart™ organization.
- We used our ChartWater™ proprietary, patent pending integrated hydrotest & water treatment recycling system to save water and wastewater at Chart locations. We plan to scale to specific site requirements and expand to additional Chart sites.
- We expanded existing MOUs to include other specialty areas. For example, Chart had an MOU with Babcock & Wilcox for hydrogen, and through our Founders' meetings, we were able to expand this to include carbon capture as well.
- We bundled our solutions to create our seamless full solution for sustainable brewing, including water treatment, dosers, bulk CO<sub>2</sub> tanks and small-scale carbon capture systems. Together, our Founders have been able to share learnings with key customers and brief one another on opportunities to sell this integrated, sustainable brewing solution.

# Advancing the Low-Carbon Energy Transition

Operating responsibly and embracing a sustainable, low-carbon future has never been more important. Chart is well positioned to play an important role in that transformation by developing solutions that accelerate the delivery and storage of cleaner fuels, mitigate greenhouse gas emissions, improve efficiency and reduce waste. Our highly engineered equipment helps customers reach their own energy and resource efficiencies and carbon-reduction targets.

In particular, demand for equipment and technologies related to hydrogen and LNG is likely to continue to benefit from the global migration to a smaller carbon footprint. In 2022, we had a record year in hydrogen sales, and hydrogen will continue to play an ever-increasing role in the energy transition, given its zero-emission characteristics and naturally abundant supply. We had a record year for big LNG projects orders, as well as small-scale LNG and LNG infrastructure, and see continued growth as the world shifts to lower carbon fuels.

During 2022, we expanded our capabilities for customers in water treatment, small-scale carbon capture systems and helium. What we used to manufacture in small shops is now done on a larger scale, increasing our ability to provide solutions to customers with shorter lead times. This flex manufacturing is happening across Chart sites to keep up with increasing global demand and gives customers options on where their equipment is produced.

After passage of the Inflation Reduction Act of 2022 in August – the most significant climate-related legislation in U.S. history – Chart proactively developed a Company-led webinar series to provide an overview of the Act's potential impact and implications for the Company's customers. The four-part series, led by senior leadership, including our CEO, focused on topics such as water treatment, carbon capture and hydrogen use and offered suggestions on how customers can navigate new regulations that apply to their businesses and how Chart's solutions can help them benefit from the legislation.

Chart continues to make innovative developments with hydrogen. In February 2022, in collaboration with Ballard, we successfully tested a fuel cell powered by liquid hydrogen. The demonstration confirmed that heavy-duty vehicles powered by Ballard fuel cells will be able to employ Chart HLH2 vehicle fuel systems that utilize liquid hydrogen as fuel. This will allow for a more simplified fueling infrastructure for heavy-duty mobility applications such as Class 8 trucks, buses, rail and marine vessels, some of the biggest emitters of greenhouse gases.

In March 2022, we received full notice to proceed ("FNTP") to produce cold boxes and brazed-aluminum heat exchangers for Venture Global's Plaquemines Phase 1 and Phase 2 liquefied natural gas (LNG) export terminal project.

In June, we received full notice to proceed ("FNTP") with our IPMSR® process and equipment activities to be used in Cheniere's Corpus Christi Stage Three LNG export terminal.

Maine Beer Company is one of the first craft breweries in Maine, USA to implement Earthly Labs' carbon capture technology to reduce greenhouse gas emissions. Our CiCi® technology allows Maine Beer to capture waste carbon dioxide produced during fermentation, purify it and reuse it to carbonate the beer, purge tanks and package beer. CiCi® will enable Maine Beer to capture and use more than 1,500 trees worth of waste CO<sub>2</sub> from the brewing process each year. Maine Beer was one of the many companies globally that installed a CiCi® unit in 2022 to realize similar reductions in emissions.



## AdEdge Water Treatment Benefits Community in Ramsey, New Jersey

AdEdge helped the Borough of Ramsey, New Jersey (pop. 14,693 in 2021) replace their water-treatment system after key components of the existing system – proprietary arsenic filter cartridges – were discontinued by the manufacturer. AdEdge developed what was determined to be the optimal solution – six completely new arsenic treatment centers housed in 40-foot ISO containers to replace the existing treatment system.

With design of the new system underway, ongoing water-quality testing revealed the presence of perfluorooctanoic acid (PFOA) in two community wells – one of the many synthetic compounds commonly referred to as PFAS – with concentrations greater than the New Jersey Department of Environmental Protection's current 14 parts per trillion (ppt) limit.

AdEdge water-treatment experts took on the challenge to incorporate PFAS treatment into the containerized designs already in progress. AdEdge chose IX resins as the best available treatment option and redesigned the treatment process for two containerized systems.

The first multi-containment treatment system using IX resins began delivering arsenic- and PFOA-free water to the Borough of Ramsey in the summer of 2020. The second system was installed in early 2021.

The four containerized arsenic treatment systems and two multi-containment PFAS and arsenic systems continue to successfully remove contaminants from the community's water supply.

AdEdge's solution is capable of using a variety of treatment media to accommodate changes in the availability, price and performance of various media and anion exchange resins, reducing operating and maintenance costs. It improved water quality for Ramsey by safely removing pervasive, bio-accumulating contaminants from the community's drinking water, and reduced waste by eliminating the disposable arsenic media cartridges used in the previous water-treatment system.

## Advancing the Nexus of Clean™ in Water

With the acquisition of AdEdge in 2020, Chart is now also providing water-treatment solutions to breweries, aerospace customers and others alongside solutions that reduce carbon emissions, further promoting the Nexus of Clean™. Chart Industries treats 13 billion liters of water every day.



## ChartWater™ Brazil

In November 2021, ChartWater™ delivered BlueInGreen's supersaturated dissolved oxygen (SDOX®) technology to São Paulo Brazil's state water and sanitation utility as part of an innovative water-treatment strategy to remediate the polluted Pinheiros River. The Pinheiros River Project introduced ChartWater™ and SDOX® technology to governmental and non-governmental decision-makers and industrial engineers. During 2022, the World Bank IFC, senior politicians, municipal water authorities, representatives from all 26 Brazilian state water utilities and several private water companies and industry representatives toured the Pinheiros installation.

### REPAIR, SERVICE, AFTERMARKET

In addition, as part of our goal to promote responsible production, Chart products and engineered systems are designed to deliver value to our customers through longevity, quality and efficiency. Chart offers a range of aftermarket services to keep equipment operating at peak performance. Repair, service and leasing represented 13% of total sales in 2022 and grew 12% versus 2021. With the addition of Howden to our business, our Repair, Service and Leasing (RSL) segment will make up over 30% of our annual sales.

## ESG Oversight, Accountability and Continuous Improvement

Chart sets forth our environmental principles and commitments in our Environmental and Sustainability Policy and QHSE Policy. Chart's Board of Directors is responsible for the oversight of material risk management, including climate risk. The Audit Committee has general risk oversight responsibility, and the Nominations and Corporate Governance Committee oversees the Company's strategy on corporate social responsibility and sustainability and develops related policies and procedures.

Chart integrates environmental considerations into business planning and ties executive bonus compensation to achieving environmental targets. In 2021, we introduced an ESG component to our short-term incentive awards program, directly tying executive compensation to ESG goals. We included this component again in our 2022 compensation program, and we will do so again in 2023.

We're committed to meeting or exceeding customer expectations as well as regulatory, industry, safety and environmental standards. The preferred best practice throughout our portfolio is ISO 14001:2015 for environmental management systems, and we continually work to integrate newly acquired facilities to this standard.

Chart communicates the importance of responsible environmental management to team members by requiring ISO quality and environmental management training and by incentivizing suggestions for continuous improvement.

Chart's Global ESG Committee regularly hosts knowledge-sharing sessions across global locations to improve ESG practices which has resulted in shared success across our worldwide operations.

In 2022, Chart executives mandated that global locations switch to energy efficient lighting as well as install motion sensors to reduce unnecessary energy usage. Upgrades are underway at most facilities in North America.

Another energy milestone for Chart in 2022 was that our plant in Gablingen, Germany, which has owned its own solar panels since 2012, generated more energy than it used – a first for the facility. Our Decin, Czech Republic, and Ornago, Italy, facilities also generate solar power. At Decin, the solar panels power both machinery and lighting. Any excess electricity produced during weekends or when the company is closed is sold on the open market. In the first quarter of 2022, the Ornago facility upgraded its solar panels and, by the end of the year, solar power accounted for 28.5% of total energy consumption at the facility.

## Incorporating ESG Impact into Capital Improvement Decisions

In 2022, Chart launched an ESG incentive to our Authorization for Expenditure (AFE) process, where all team members involved in plant-improvement capital projects are required to quantify the carbon emissions reduction estimate or other ESG impact of the proposed project in the AFE. This also helps the ESG team better track their progress and quantify carbon-reduction efforts at Company sites. The update to the AFE process was a result of a project started by the Emerging Leaders Group and is now managed by Chart's ESG team.



# PERFORMANCE METRICS

	2020	2021	2022
Number of Team Members	4,318	4,809	5,178
Number of Sites	21	29	29
Scope 1 GHG CO <sub>2</sub> , metric tonnes	19,525	17,886	16,148
Scope 2 GHG CO <sub>2</sub> , metric tonnes	32,476	29,342	28,484
Total Energy Consumed, GJ	481,402	470,131	459,406
% Grid Electricity	48.2%	48.3%	48.5%
% Electricity from Renewables	1.1%	1.2%	1.5%
GHG Intensity (metric tonnes Scope 1 & Scope 2 CO <sub>2</sub> per annual sales in millions)	44.2	35.8	27.7

## Environmental Performance Improves in 2022

In 2022, our GHG intensity decreased by an additional 22.9% compared to our 2020 baseline and benefited from the combination of lower absolute Scope 1 and 2 GHG emissions and strong sales of \$1,612 million. Because of organization-wide efforts, Chart managed to reach and exceed our goal of reducing GHG intensity by 30% eight years ahead of the 2030 target. As a result, we have set a new target to reduce GHG intensity 50% by 2030, relative to our 2020 baseline. We remain committed to reaching net-zero emissions across our operations by 2050.

In further pursuit of the Nexus of Clean™, and recognizing the need to preserve our water resources, we're committed to being responsible stewards of water conservation. In 2022, we began tracking and planning for water recycling initiatives within our organization. Additionally, in line with our focus on ESG performance, we started monitoring the amount of waste recycled. Because this is a new initiative, not all sites and facilities were prepared to disclose waste and water performance. However, we're focused on building on these efforts in 2023 and moving toward 100% participation across our operations.

Water Consumption in 2022 (Gallons)	214,778,129
Waste Recycled in 2022 (Metric Tonnes)	434,508

### NOTES:

- We define GHG intensity as Scope 1 and 2 GHG emissions in MT of CO<sub>2</sub> divided by annual sales in millions USD.
- 2022 results include a full year of GHG emissions from the companies we acquired in 2022 regardless of when the transaction closed.
- Our facility in Gablingen, Germany, produced more electricity than it consumed. Excess electricity was sold back to the grid. For the purposes of this exercise, electricity consumption at that site was recorded as net zero.
- In line with our efforts to ensure that our data is as complete and accurate as possible, we corrected previous calculations of Scope 1 emissions. The 2021 values were restated in the above table. The restatement resulted in a reduction of 2,955 MT of CO<sub>2</sub>. The decrease in Scope 1 emissions is reflected in the total energy consumed, percentage of grid electricity and GHG intensity. Restatement is considered if changes result in a difference of more than 5% as compared to previously reported numbers.

## In 2022, we received the following ESG-oriented recognition:

- + Winner in the 2022 Manufacturing Leadership Awards
  - + In the Operational Excellence category for our Tulsa Flex and Teddy Trailer projects
  - + In the Engineering and Production Technology category for our Chart China ISO Capability Expansion
- + S&P Global Platts Energy Awards Excellence in LNG, Finalist
- + S&P Global Energy Awards Chief Executive of the Year – Trailblazer, Finalist
- + S&P Global Energy Awards Strategic Deal of the Year, Finalist
  - + For the strategic combination of Chart, Cryo Technologies and Fronti Fabrications
- + Frost & Sullivan ESG Award



**S&P Global Energy Awards**

Left to Right: Erich Wetzel – Global LNG Director; Steve Hummel – VP, Commercial Global Energy; Brad Babineaux – VP & GM Heat Transfer Systems Cryo; Joey Fronti – Quality & Service Manager, Fronti Fabrications; Anthony Fronti – Integration Manager, Fronti Fabrications; Lisa Fronti – Office Manager & Controller, Fronti Fabrications; Joe Fronti – President, Fronti Fabrications; Joe Belling – Chief Commercial Officer

Note: The Fronti family attended to represent Chart/Cryo Technologies/Fronti being nominated for "Strategic Deal of the Year"

## CHART CONTRIBUTES TO THE GLOBAL CONVERSATION ABOUT ENERGY TRANSITION AND CLEAN WATER.





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ESG REPORT

/ PART 5

# SOCIAL



ABOUT



LETTER



HIGHLIGHTS



ENVIRONMENT



SOCIAL



GOVERNANCE



APPENDIX

# As we strive to be an employer of choice, Chart offers a safe, ethical and rewarding place to work with high upside for individual and team growth.

Chart believes that financial performance, safety, and our commitment to the environment, team members and communities, and the highest ethical standards are not only linked, they're critical to our sustainability as we help advance the transition to cleaner energy.

## IT STARTS WITH OUR PEOPLE

Chart seeks to hire talented, diverse team members who thrive on everyday challenges and always look for ways to innovate and learn. These days, it takes more than comprehensive benefits and competitive wages and salaries to attract top candidates. It's incumbent upon us to provide a safe work environment, learning and growth opportunities and an atmosphere that encourages trust and open, honest communications.

We continue to develop and enhance opportunities that encourage our team members to make Chart a better place to work with initiatives such as our volunteer Global Diversity & Inclusion (D&I) Committee, Welding Council, Emerging Leaders Program, Engineering Fellow and Key Experts Programs, Rotational Engineering Program, and Internship Program. These initiatives and programs strengthen our culture as well as bolster our environmental, social and governance (ESG) performance.

We also feel it's important to be a good corporate neighbor and contribute to the communities where our team members live and work. In 2022, Chart and our local business units and team members made more than \$150,000 in financial donations, and team members volunteered time to help food banks, civic organizations and other causes.

## SAFETY IS ALWAYS NO. 1

At Chart, safety is a core value engrained in our culture; it's the top priority in everything we do. We strive to operate safely and maintain secure and healthy workplaces by meeting or exceeding the expectations of our [QHSE Policy](#). Our goal every day is to have zero accidents, and we provide training, risk assessments and safety leadership to prevent injuries and illnesses.

As we've acquired strategic assets in recent years, we've made it a priority to convey our safety culture to new team members and integrate our QHSE policies and practices at new facilities. Those sites receive mentoring and assistance from Chart safety managers to bring them to full compliance, which is monitored during corporate Health, Safety and Environmental (HSE) evaluations.

To ensure compliance with applicable laws, regulations and Chart policies, we conduct corporate HSE evaluations at each Chart location regularly. Sites implement a corrective action plan for items identified during an evaluation. The action plan – adopted as a risk-mitigation tool by all Chart facilities in 2022 and one of the year's safety milestones -- includes a list of all preventive and corrective measures undertaken at each location and the status of those initiatives.

Establishing a culture of working safely and responsibly starts at the top, and at Chart that begins with our CEO, who communicates regularly with team members about our safety philosophy and performance. Our Global Safety Council – started by our CEO – meets monthly to discuss near misses, accidents, injuries, investigations, corrective actions and lessons learned. Safety leaders have regular calls to discuss safety policies, procedures and continuous improvement programs even with the disruption of the COVID-19 pandemic impacting the Council's meeting cadence. Council members present metrics and other safety information at executive staff and Board of Directors meetings. Chart sites also report safety metrics monthly to segment and functional leadership.

As part of our risk management process, we refined our safety procedures in 2022 to include a job hazard analysis designed to identify risks and potential consequences associated with work activities. We apply a methodology that considers the probability and potential severity of job-related safety incidents. Our team members also have stop work authorization, where any job deemed unsafe must be stopped immediately until corrective measures are implemented to

eliminate the problem. If an accident occurs, the Company uses a standardized form to document the incident, conduct a root cause analysis and take corrective measures.

In 2022, Chart strengthened near-miss reporting through an app that's easily accessible on tablets and smartphones, and available in multiple languages spoken at Chart's global sites. Information about safety stats and near-miss reports is shared on a dashboard, allowing for easy information-sharing across the Company. More than 3,200 near misses or Continuous Improvement Ideas were registered by over 40% of Chart's global team members using the app in 2022.

In October 2022, Chart organized the first Joint Divisional Safety Session at our facility in the Czech Republic. The Global Safety Council invited all facility safety managers from across Chart to attend three days of safety sessions. Team members shared health and safety experiences and participated in activities that included safety walks; simulations of work hazards and other dangerous situations; training around systemic root cause analysis, preventative measures and lessons learned; and risk prevention through the new near-miss reporting app.

In 2023, with direction from the Global Safety Council, the Company is working toward the ultimate goal of zero accidents by launching coordinated and shared emergency preparedness activities and synchronization of safety and health-related processes.

## RECORD SAFETY NUMBERS IN 2022

Chart's U.S. facilities comply with OSHA (U.S. Occupational Safety and Health Administration) and Company requirements, and our international facilities comply with laws and regulations in countries where they're located. We hold our contractors accountable for following our safety policies when working at a Chart site and completing and returning an HSE assessment confirming they have a safety policy, training and other required safety program elements.

Chart sites implement our Occupational Health and Safety Program requirements for training, reporting, accident investigation, auditing, implementation and compliance. The policy requires each site to create a safety committee and a safety-suggestion program. Our safety committee consists of team members, further encouraging worker engagement and ground-up recommendations.

Hourly team members at our facilities are recognized and rewarded for submitting safety and hazard identification cards that contribute to our continuous improvement program. Site-level bonuses are given for meeting local objectives such as reaching safety milestones and completing monthly audits. At sites with record numbers of days without accidents, we celebrate those successes at least twice a year.

IF IT CAN'T BE  
DONE SAFELY,  
  
DON'T  
DO IT.



**SAFETY FIRST**  
**ZERO ACCIDENT**

AT THE END OF Q4 2022, WE HAD OUR  
LOWEST 12-MONTH ROLLING TRIR IN  
CHART'S HISTORY.

Chart team members have Stop Work Authority and are empowered, authorized and required to stop work if they're concerned that a job or procedure is unsafe or dangerous. We believe all accidents and injuries are preventable. When recordable injuries occur, they're reported within 24 hours to Chart executives, including the CEO. We thoroughly investigate incidents and near misses, including root cause, put corrective actions in place, track results and share lessons learned in a standard format.

Each manufacturing site has an internal auditing program to ensure that safety-related items are maintained and hazards are identified. Those internal HSE audits are conducted monthly. Sites implement a corrective action plan for items identified during an audit.

To measure safety performance, our primary indicators are the Total Recordable Incident Rate (TRIR) and Days Away, Restricted or Transferred Rate (DART). We achieved a TRIR of 0.52 in 2022, the lowest in Company history. **In 2022, we had 17 OSHA recordable incidents at our U.S. locations, down from 42 in 2021, even as we added new facilities and team members. Yet, we will not be satisfied until we have zero incidents.** We also track the number of days since the last recordable incident at all our facilities, and many set records in 2022.

Another statistic we're especially proud of: In 2022, 75.6% of Chart's global sites had zero recordable incidents for the entire year.

As a further safety enhancement, in November 2022, Chart launched a fleet management system, iWarehouse, at our Ball Ground facility to reduce accidents and injuries related to forklifts. The system helps to ensure the fleet is in good working order and tracks near misses. The same system was rolled out at our Theodore, Alabama, location in the first quarter of 2023.

Like Chart, safety is also Howden's #1 priority as well as achieving a zero-incident culture. Howden's Safe Home Howden Program brings all health and safety initiatives together into one unifying program. The premise behind this program is to ensure all team members return home safe each day whether they work in the office, plant, or at a customer site. This safety program directly aligns with Chart's safety culture and goals, and together, we will build upon one another's best practices to ensure a safe workplace environment.

## MEETING INTERNATIONAL SAFETY STANDARDS

Many of our safety programs and practices reflect requirements of the ISO 45001 Occupational Health and Safety standard for management systems. Chart voluntarily certifies certain manufacturing and fabrication facilities to this internationally recognized standard to increase safety and reduce workplace risks. Many of our Specialty Products; Repair, Service and Leasing; Cryo Tank Solutions; and Heat Transfer Systems sites are ISO 45001 certified, and we assist sites that increase their work scope or are newly acquired in becoming certified.

### SAFETY PERFORMANCE METRICS

	2020	2021	2022
Number of Team Members	4,318	4,809	5,178
Number of Sites	21	29	29
Total Recordable Incident Rate (TRIR)	0.72	0.80	0.52
Days Away, Restricted or Transferred Rate (DART)	0.48	0.47	0.28

## Global D&I Efforts Continue to Gain Traction

Chart respects and values the culture, identity and experience of every individual, and our global D&I efforts are making Chart a better place to work. These efforts empower our team members to innovate, deliver a higher quality product, and continue to improve our customer service.

### INCREASING DIVERSITY

At Chart, we're committed to providing an inclusive workplace where everyone is treated with dignity and respect because we believe it strengthens our success and sustainability.

Chart's Human Resources staff partners with a variety of educational, business and trade organizations to attract more diverse candidates at all levels of the Company. For example, Chart has established relationships with historically Black colleges and universities (HBCUs) such as Prairie View A&M University in Texas and Florida A&M University (FAMU). At Prairie View, Chart sponsors capstone projects for engineering students to help them bridge the gap between classroom and industry. At FAMU, Chart offers micro-internships to engineering students to introduce them to the Company and provide challenging, real-world work assignments.

Our university relations program continues to support Chart's diversity hiring. We welcomed more than 25 interns – a record for the Company – which consisted of a mixture of high school and college students. Four of the interns entered our full-time Rotational Engineering Program, and others have committed to returning as interns or have accepted full-time positions with Chart. Nearly 60% of our 2022 class of Rotational Engineers are diverse and 29% are female. Additionally, Chart had 25 engineering candidates from our recruitment efforts in 2022 who were diverse. To continue evolving our hiring program, we also increased our recruitment of military veterans.

**In 2022, our actions resulted in hiring significantly more women in manufacturing and engineering positions** – two job functions with less than the average gender diversity at Chart. Additionally, Chart has taken steps to mitigate disparities identified in gender-pay studies through market-based salaries and other compensation strategies.

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Chart also strives for diversity among the suppliers with which we do business. In 2022, we set targets for working with female- and veteran-owned businesses, and we continue to see improvement in this area.

### BUILDING CAPABILITIES FOR THE FUTURE

Attracting, developing and retaining a talented, diverse workforce is critical for us to deliver high-quality products and services for global markets. We must continue to develop creative programs that build critical skills and competencies if we're going to achieve our business goals and objectives.

Chart's Vice President and Chief Human Resources Officer, who reports to the CEO, directs our programs for recruiting, hiring, training, developing, promoting and retaining team members. The CEO and Chief Human Resources Officer regularly update the Board on succession planning and other human resources issues.

Our Board also hears multiple times a year from new and emerging high-potential talent, members of our Global D&I Committee and other key team members.

In 2022, we established our first social targets to increase diversity across various departments and levels of management throughout the Company. These targets were already set by Howden, and we will expand these across the combined business.

- + Increase female representation to 40% on our management team by 2030
- + Increase female representation to 35% in senior roles by 2030
- + Achieve employee volunteer participation of 25% as part of our community program by 2030

We made progress in 2022 deepening and diversifying our talent at all levels. Our Engineering Fellows and Key Experts Program continues to foster a global network of our top engineering talent. Fellows and Key Experts mentor and develop early-career engineers in our Rotational Engineering Program. In 2022, we added one new Fellow and five new Key Experts. Our Rotational Engineering Program, which consists of a diverse group of high-potential talent, allows engineers to work across different product lines and better understand Chart's full suite of products and services.

We welcomed our 30th Emerging Leader into that program in 2022, continuing to give strong performers the opportunity to work on high-visibility projects and learn on the job. Team members in this accelerated development program – which started four years ago – report to Chart executives monthly and to the Board quarterly, opening up communication with leadership and improving participants' skills. It has led to promotions and accelerated career paths for participants – adding another facet to the Company's succession planning.

The Howden team, like Chart, is committed to building capabilities for the future through its talent development programs. Howden's Leading People at Howden Program is tailored for high potential middle management team members and helps them to build capabilities to become impactful leaders and accelerate their professional development. Howden's ACE Leadership Program is a program

for senior leadership to develop the skills necessary to take on key leadership roles. Howden also offers coaching services to all team members and has apprenticeship and graduate programs available for young talent, further aligning with Chart's focus on developing future leaders.

## VALUING THE DIFFERENCES OF EVERY TEAM MEMBER

Our Global D&I Committee of more than 60 team member volunteers from five countries continued to gain momentum in 2022, with more programs and activities planned for 2023. The committee, consisting of six subcommittees each focused on a different area of D&I, have executive sponsors to guide their efforts. A highlight of the D&I Committee's efforts in 2022 was the formation of Employee Resource Groups (ERGs) to help celebrate and promote D&I and learning opportunities within Chart. The first ERG, Chart Network of Women (NOW), led by our CEO as the executive sponsor, is active at four of our North American sites and, at the start of 2023, was in the planning stages at our facilities in the Czech Republic, Germany, Italy and India as well as additional sites in the U.S. Each site will have its own local chapter and the opportunity to engage with senior leaders for advice and other resources. The NOW ERG has also established a mentorship program for more experienced team members to guide and support others who are newer in their careers, regardless of gender. We have plans for at least two other ERGs in 2023 – an LGBTQ+ ERG and a Young Professionals ERG.



Chart's Bright Idea Tracker, a project initiated by a subcommittee of our Global D&I Committee to increase team member involvement, will be rolled out globally in 2023. The goal is to allow team members at Chart facilities around the world

to submit ideas related to various aspects of their own businesses, or to provide general feedback on how to make Chart a better place to work. The ideas are reviewed by senior members of the Operations and Human Resources teams, and team members are rewarded for successful input. All team members can submit an idea to the Bright Idea Tracker through an online digital platform accessible to all team members, or in writing at the facilities where they work.

Chart regularly gets feedback from team members through global engagement studies.

## CELEBRATING OUR SUCCESSES

Our CEO believes in recognizing team members who take the initiative to embody our principles in their daily work. She sends daily “shoutouts” celebrating team members who use the ChartWater™ approach to solving a problem, achieve a milestone through innovative thinking, give back to our communities or go out of their way to serve a customer’s needs.

For the first time in 2022, we held our Global Innovation Contest. We asked team members to submit innovative ideas as part of the competition, and we received hundreds of submissions from across the global enterprise. The entries were

narrowed down to a list of finalists, and everyone at Chart had the opportunity to vote for the winners.

Each of the winning ideas dealt with a different topic – field/tech service improvements, IT efficiencies and ESG/marketing. The contest reinforces Chart's culture of empowering people to bring forward their ideas. It also demonstrates the diversity of our business and the multitude of thoughts and perspectives across the organization. Many of the submissions, including more than just our three winners, have already been incorporated into the Company's business model.

Chart celebrated our second annual Week of Understanding in 2022 to raise awareness about D&I and promote inclusivity in the workplace. Daily emails, podcasts, team member spotlights (including I AM WHO I AM) and other activities were launched for Chart team members.

In 2023, we plan to hold Sustainability Week, an idea from one of the winners of our Global Innovation Contest. The event is designed to raise team member awareness of sustainability and to encourage team members to think about sustainability on an ongoing basis. Throughout the week, team members will share photos of environmental activities they've contributed to or participated in, and the most

## GLOBAL INNOVATION CONTEST WINNERS



**Andrea Luizzi**  
*Executive Program Leader  
Orago, Italy*

**Idea:** Use QR codes (serial number and product type) on products to give customers access to all relevant documents.



**Adam McNeilly**  
*Product Development Engineer  
La Crosse, Wisconsin (USA)*

**Idea:** Utilize on-premise computers in La Crosse, WI which would save energy and lower cost, contributing to a payback period of <4 months compared to running two Azure machines full-time.



**Rachita Gogoi**  
*Marketing Communications  
Specialist Hyderabad, India*

**Idea:** Launch a Global Sustainability Week to promote awareness and education of ESG across the company.

sustainable submissions will receive awards.

We also offer a variety of training to complement our D&I efforts. Leaders participate in programs about Unconscious Bias, Diversity in Recruiting and Hiring, Understanding Behavior-Based Interviewing, Effective Interviewing, and Recruiting and Hiring. Every team member is required to complete Unconscious Bias training on an annual basis.

Chart also offers language-learning courses for team members across all sites.

In addition, Chart supports team members who want to pursue higher education or certifications by partially reimbursing the cost of tuition and books for those who maintain certain grade levels. We will continue to develop and empower our people to better satisfy our customers and to continue to help them become the best version of themselves both personally and professionally.

### DAILY SHOUTOUTS FROM JILL EVANKO



March 18, 2023 Daily Shoutout!

Today we shout out the **Howden team in Mexico (Buffalo Forge SA de CV)** who will reach three years without a lost time incident on Monday 20th March... this is 1.25 million hours without an accident! WOW!

David shared with me that they always celebrate these milestones with a barbecue for our 180 or so colleagues and this will be held the first week April. Each employee will also receive a commemorative tee shirt – this time with the Chart /Howden logo (funny story, someone asked if we should now be called "CHOWDEN". Attached are some graphics from David that shows how far the Mexico team has come over the years in terms of lost time accidents as well as a photo from the 2 year no accident celebration. You will see from this that the number of LTI's has been zero or 1 since 2014. This is a great accomplishment and supports our #1 priority of safety's goal of ZERO incidents at every site.

David shared: *"In Buffalo Forge, we consider ourselves to be a large family - the Mexico team is looking forward to exciting times as part of the Chart family. Considering the nature of our processes coupled with relatively tight footprint, it truly is a testament to the team to have achieved this milestone. Long may it continue!"*

As David also said: *"Well done, and thanks for getting the Howden team their first daily shout out!"*

-Jill

## I AM WHO I AM



**Sarah  
Landoni**

Sales and Project Manager, Italy

My name is Sarah Landoni. I am a wife of 20 years and a mother of a beautiful 17-year-old girl. I am a daughter and a sister, but above all else, I am a woman who, with her insecurities, has a desire to learn and grow. I studied foreign languages to be able to communicate with people from different countries. Cultures other than mine have always fascinated me because it gives me the opportunity to learn something new. I am an extremely rational person who loves to plan as much as possible, even though I am not afraid of the unexpected! I am convinced that for every problem, there is always one or more solutions – which is why I can define myself as an optimist by nature. I love spending my free time with my family, in front of a good movie or while cooking all together. I am proud of the person I have become over the years, maturing and facing different challenges with myself. Surely I am who I am thanks to the help of the people who are by my side and who I have met during my life.

## Expanding Community Engagement Opportunities

For the third year in a row, Chart participated in the Dress for Success Your Hour, Her Power® campaign throughout the month of March. This campaign coincides with Women's History Month and International Women's Day and helps to support women globally gain access to career opportunities, reach financial independence, overcome food insecurity, support their families and gain confidence to be their best selves. For the second year in a row, Chart raised more than \$25,000, placing us among the top corporate fundraisers for the campaign.

**"As a woman in a traditionally male-dominated field, I understand the importance of diversity and its impact on business as well as the world at large. At Chart, we are committed to providing equal opportunities for everyone to advance their career."**

— **Jill Evanko, CEO**

Chart team members across the globe take time to listen to stakeholders where we live and work and focus on the needs of those communities, devoting time to support children and families, end hunger and improve health.

Acting on a D&I Committee suggestion, Chart started providing team member donations in 2021 up to \$250 per person per year to charitable organizations of their choosing. We also offer every team member worldwide one paid day off each year to support community initiatives, including D&I.

Examples of our community involvement in 2022:

- In Hyderabad, India, team members donated over 1,000 books and other school supplies to local elementary schools.
- In Canton, Georgia, team members continued to partner with local businesses, law enforcement and other organizations to collect coats for foster kids at The Children's Haven. This was Chart's third year of participation, and the biggest one yet. Team members also participated in the Fall Fest organized by the Service League of Cherokee County and helped the local Chamber restock their food pantries as part of the "Leading by Feeding" initiative.
- In New Prague, Minnesota, team members took part in the Adopt-A-Highway effort and cleaned up a section of County Road 21, filling 40 bags with trash.
- Chart's team members in Tulsa, Oklahoma, volunteered to help prepare and pack food parcels at the Community Food Bank of Eastern Oklahoma and, collectively with Chart's donation-matching program, contributed more than \$5,000 to the organization.
- Around the world, Chart sites donated surplus computer equipment to the Tech for Troops organization, giving technology a second life and helping provide eligible veterans with computers to pursue careers or continued education.

Chart is active in the Women in Business Collaborative, and our CEO and Chairwoman of the Board participated in a panel discussion in 2022 on women in business and diversity in the workplace.



2022

ESG REPORT

/ PART 6

# GOVERNANCE

## Chart's Female Board of Directors:

From left to right: Jill Evanko, Paula Harris, Singleton McAllister, Linda Harty



ABOUT



LETTER



HIGHLIGHTS



ENVIRONMENT



SOCIAL



GOVERNANCE



APPENDIX

# Strong governance, led by our Board of Directors, is foundational to operational excellence. It's necessary to expand our business opportunities and to continue to position Chart as a global leader in the clean energy transition.

What's more, good governance is a factor we look for in the businesses we acquire. We seek organizations that complement our portfolio and fit our long-standing culture of doing business the right way.

## HIGHEST LEVEL OF OVERSIGHT

Chart's seven-member Board is elected by shareholders to ensure the management team serves the interests of the Company and shareholders. Our directors have oversight of material risk management, business strategy, financial performance and related processes. Chart directors must comply with our [Code of Ethical Business Conduct](#).

Independent directors are vital to ensure that shareholder interests are the Company's top priority. Our [Corporate Governance Guidelines](#) require that Chart directors meet the applicable listing standards, laws, rules and regulations. As of March 2022, with the appointment of three new directors in August 2021 and two retirements in 2022, six of Chart's non-management directors, including the Board chair, meet the requirements for independence. As of April 2023 when this report was published, we still qualify. Director and CEO Jill Evanko is a Chart employee and therefore is not considered independent. Based on the Board's composition following Chart's 2022 Annual Meeting, four of our seven directors (57%) are female and four of seven are diverse.

For the first time in Company history, the Board chairperson is female and diverse. Additionally, the chair of the Board's Nominations and Corporate Governance Committee is also female, as is our CEO.

The Chart Board has three standing committees: [Audit](#), [Compensation](#) and [Nominations and Corporate Governance](#).

### Audit Committee

The Board oversees and reviews material risks and risk management processes and has designated responsibility for general risk oversight to the Audit Committee. The Chart management team manages our day-to-day business risks and updates the Audit Committee quarterly on our financial, legal, regulatory, strategic and reputational risks. In addition, Chart's senior leaders regularly attend Board meetings to answer risk-related questions.

### Nominations and Corporate Governance Committee

The Board's Nominations and Corporate Governance Committee, along with oversight from the Board, oversees our corporate social responsibility and sustainability strategy and related policies and procedures. The Nominations and Corporate Governance Committee is responsible for Board of Director succession with potential candidates who represent a range of skills and diversity in the broadest sense.

The Chart Board is empowered to determine the leadership structure that best serves the Company's interests. At this time, the Board believes the roles of Board chair and CEO should be split to allow the CEO to focus on managing the Company and on communicating Chart's strategy to our stakeholders.

### Compensation Committee

The Board's Compensation Committee reviews and approves compensation for our CEO and other executive officers. Chart is dedicated to aligning executive pay to Company performance, primarily driven by financial results, strategic accomplishments and growth in shareholder value. The Board believes ESG performance has a positive impact on Chart and considers ESG progress when determining annual discretionary bonus awards for our executives. For more information on executive compensation and our Board, please see our [Proxy Statement for our 2022 Annual Meeting of Stockholders](#).

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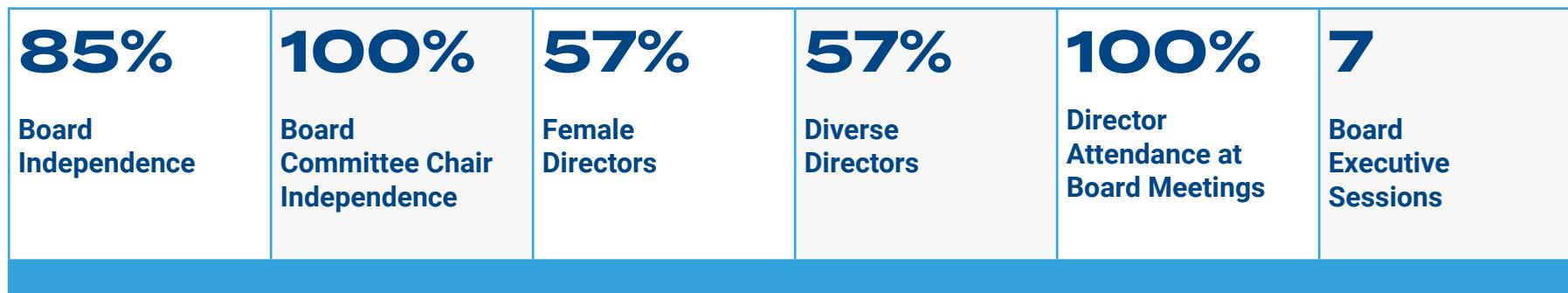
DIRECTORS ARE  
INDEPENDENT

4/7

DIRECTORS ARE  
FEMALE

4/7

DIRECTORS ARE  
DIVERSE



## INTEGRITY IS THE CORNERSTONE OF OUR BUSINESS

One of our priorities is to maintain a culture that values every team member, our customers and our shareholders. The Vice President and General Counsel has executive responsibility for our business ethics program and the Code of Ethical Business Conduct. With oversight from the Board's Audit Committee, we review the Code annually and update it as needed.

The Code supports Chart's values and explains the standards our directors, officers and team members must uphold while representing the Company. New team members acknowledge that they've received and understand the Code during onboarding. Team members must complete annual training on anti-corruption compliance, conflicts of interest, insider trading and other subjects covered by the Code. We confirm completion of the training by team members with annual training report audits and training logs.

Chart is committed to complying with the U.S. Foreign Corrupt Practices Act (FCPA) and other applicable anti-corruption laws. Chart has established anti-bribery policies and procedures to comply with the FCPA, which are based on U.S. Department of Justice guidance and include screening and monitoring of certain third parties, such as independent sales representatives, with whom Chart does business.

We expect team members to conduct business according to Code standards, related policies, laws, rules and regulations in the countries where we operate. Designated

ethics representatives are available to answer team members' questions or provide guidance on compliance. Team members have a duty to report violations to a supervisor, manager, ethics representative or the confidential, anonymous [Chart Ethics Hotline](#) which is administered by a third party. Chart investigates alleged incidents and communicates the resolution to the person who reported it. We prohibit retaliation and threats of retaliation against anyone who makes a good faith report of a possible violation or misconduct, and we protect team members with our [Whistleblower Policy](#).

## REDUCING SUPPLY CHAIN RISKS

Chart also undertakes measures to protect the integrity of our supply chain. Our supplier selection process, contract terms and conditions, risk management program and audits help us reduce supply chain risks. The Chart [Supplier Code of Conduct](#) conveys our expectations that suppliers maintain ethical business practices, as well as comply with the Chart Code or adopt similar principles.

We work annually with our global supply chain partners (in conjunction with our third-party platforms, iPoint and Risk Methods) and request information about their supply chain to comply with our reporting obligation under the U.S. Securities and Exchange Commission's rule on conflict minerals – tin, tantalum, tungsten and gold. In addition, in 2022, to continue our efforts to improve supply chain transparency and reporting of conflict minerals in our supply chain, Chart joined the Responsible Minerals Initiative (RMI), which serves as a resource for companies that seek to ensure responsible minerals sourcing in their supply chain.

## INTEGRITY

Do what you say and do it responsibly. Honesty, trust, fairness, responsibility and the free exchange of ideas form the foundation of integrity.

We're also committed to ensuring that our supply chain reflects our respect for human rights and the right of individuals to be free from involuntary servitude and human trafficking. We identify related information in our [California Transparency in Supply Chains Act](#) and [U.K. Modern Slavery Act](#) disclosure statements.

## INVESTING IN IT CYBERSECURITY

Chart is committed to providing business-driven information technology (IT) solutions according to three pillars: security, infrastructure and applications. The mission is to align these three IT pillars to our business strategy and goals. Safety is one of Chart's core values, and we align cybersecurity to that value by making cyber safety a prominent component of team member training. We consistently maintain a high security rating above the industry average from a major third-party security rating firm.

The CEO and other Chart executives are members of our cybersecurity steering committee that meets monthly to review our IT roadmap, projects, incidents, pending decisions and related world events that could impact Chart. The CIO/CISO, Vice President of Information Technology updates our Board regularly on our cybersecurity program.

Chart's cybersecurity program is well aligned with the Cybersecurity Maturity Model Certification (CMMC), formerly known as the National Institute of Standards and Technologies (NIST) cybersecurity framework. Additionally, we comply with International Automotive Task Force requirements for cybersecurity. We've adopted policies and practices for prevention, monitoring, vulnerability management and incident response to comply with applicable laws and regulations wherever Chart operates. Furthermore, we strive to reach standards in data privacy across the globe,

including the EU's General Data Protection Regulation (GDPR), the California Consumer Privacy Act (CCPA), and China's Personal Information Protection Law (PIPL).

In January 2023, Chart launched revised website capabilities by investing in software and providing public disclosures and notices as part of our actions to comply with the CCPA, including the amendments to the CCPA under the California Privacy Rights Act (CPRA). CCPA and CPRA are designed to enhance privacy rights and consumer protections for residents of California. The updates to our website allow for public viewing of Chart's California Privacy Notice and the ability to submit consumer rights requests via an online portal.

Chart strives to continuously improve our website to align with modern standards and best practices. These improvements uphold our values of diversity and inclusion by making our services more accessible to anyone visiting our website. For example, recent enhancements were made to better align with color blindness accessibility guidelines. This permits Chart to comply with Title III of the Americans with Disabilities Act and to improve our search ranking within Google and other major search engines that require these features.

With the movement to promote a remote workforce and flexibility around work-life balance, Chart has invested in technologies to provide secure connections and maximize bandwidth. Chart team members are expected to comply with all relevant policies and report suspected or actual cybersecurity activity. In addition, our Code of Ethical Business Conduct and Acceptable Use Standard require responsible use of IT assets, including all end-point devices, computer and electronic resources and confidential Company and personal information.



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ESG REPORT

/ PART 7

# APPENDIX



ABOUT



LETTER



HIGHLIGHTS



ENVIRONMENT



SOCIAL



GOVERNANCE



APPENDIX

## APPENDIX A: SUSTAINABILITY ACCOUNTING STANDARDS BOARD (SASB) INDEX

This table contains and refers to information related to the Sustainability Accounting Standards Board (SASB) Industrial Machinery & Goods Sustainability Accounting Standard

TOPIC	ACCOUNTING METRIC	CODE	UNIT OF MEASURE	2020	2021	2022	MORE INFORMATION	
Energy Management	(1) Total energy consumed (2) percentage grid electricity (3) percentage renewable	RT-IG-130a.1	Gigajoules (GJ), Percentage (%)	(1) 481,402 GJ (2) 48.2% (3) 1.1%	(1) 499,173 GJ (2) 45.5% (3) 1.2%	(1) 459,406 GJ (2) 48.5% (3) 1.5%	N/A	
Employee Health & Safety	(1) Total recordable incident rate (TRIR) (2) fatality rate (3) near miss frequency rate (NMFR)	RT-IG-320a.1	Rate	(1) 0.72 (2) 0 (3) N/A	(1) 0.80 (2) 0 (3) N/A	(1) 0.52 (2) 0 (3) N/A	NMFR is tracked at site level only and is not tracked company wide.	
Fuel Economy & Emissions in Use-phase	Sales-weighted fleet fuel efficiency for medium- and heavy-duty vehicles	RT-IG-410a.1	Gallons per 1000 ton-miles	N/A			Not applicable. Chart does not manufacture medium- and heavy-duty vehicles or non-road equipment.	
	Sales-weighted fuel efficiency for non-road equipment	RT-IG-410a.2	Gallons per hour	N/A				
	Sales-weighted fuel efficiency for stationary generators	RT-IG-410a.3	Watts per gallon	N/A				
	Sales-weighted emissions of: (1) nitrogen oxides (Nox) and (2) particulate matter (PM) for: (a) marine diesel engines, (b) locomotive diesel engines, © on-road medium- and heavy-duty engines, and (d) other non-road diesel engines	RT-IG-410a.4	Grams per kilo-watt hour	N/A				
Materials Sourcing	Description of the management of risks associated with the use of critical materials	RT-IG-440a.1	N/A	See our <a href="#">Conflict Minerals Policy</a> .			N/A	
Remanufacturing Design & Services	Revenue from remanufactured products and remanufacturing services	RT-IG-440b.1	Reporting Currency	\$168.9 million USD	\$158.3 million USD	\$171.3 million USD	Includes revenue from repair, service and leasing	
Number of Employees		RT-IG-000.B	Number	4,318	4,809	5,178	2022 Employee data as of January 31, 2023	

## APPENDIX B: TASKFORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURE (TCFD) INDEX

Chart considered recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) in the development of this report.

GOVERNANCE		
Disclosure Focus Area	Recommended Disclosure	Reference
Disclose the organization's governance around climate-related risks and opportunities	Describe the board's oversight of climate-related risks and opportunities.	Highest level of oversight, ESG Oversight, Accountability & Continuous Improvement, Highest Level of Oversight, pgs. 21, 33-34
	Describe management's role in assessing and managing climate-related risks and opportunities.	Future Disclosure
STRATEGY		
Disclosure Focus Area	Recommended Disclosure	Reference
Disclose the actual and potential impacts of climate related risks and opportunities on the organization's businesses	Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	Environment, pgs. 16-27. Annual Report.
	Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Environment, pgs. 16-27. Annual Report.
	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2° or lower scenario.	Future Disclosure
RISK MANAGEMENT		
Disclosure Focus Area	Recommended Disclosure	Reference
Disclose how the organization identifies, assesses and manages climate-related risks.	Describe the organization's processes for identifying and assessing climate-related risks.	Future Disclosure
	Describe the organization's processes for managing climate-related risks.	Future Disclosure
	Describe how processes for identifying, assessing and managing climate-related risks and integrated into the organization's overall risk management.	Future Disclosure
METRICS AND TARGETS		
Disclosure Focus Area	Recommended Disclosure	Reference
Disclose the metrics and targets used to assess and manage relevant climate related risks and opportunities.	Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	Environment, pgs. 16-27
	Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas emissions and the related risks.	Performance Metrics, pg. 24
	Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	Environment, pgs. 16-27

## APPENDIX C: FORWARD-LOOKING STATEMENTS

Certain statements made in this report are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements concerning the Company's business plans, including statements regarding pending and completed divestitures, acquisitions, investments, cost synergies and efficiency savings, objectives, future orders, revenues, margins, earnings or performance, liquidity and cash flow, capital expenditures, business trends, scope of market product offerings including clean energy market opportunities, governmental initiatives, including executive orders and other information that is not historical in nature. Forward-looking statements may be identified by terminology such as "may," "will," "should," "could," "expects," "anticipates," "believes," "projects," "forecasts," "outlook," "guidance," "continue," "target," or the negative of such terms or comparable terminology.

Forward-looking statements contained in this report or in other statements made by the Company are made based on management's expectations and beliefs concerning future events impacting the Company and are subject to uncertainties and factors relating to the Company's operations and business environment, all of which are difficult to predict and many of which are beyond the Company's control, that could cause the Company's actual results to differ materially from those matters expressed or implied by forward-looking statements. Factors that could cause the Company's actual results to differ materially from those described in the forward-looking statements include: the Company's ability to successfully integrate recent acquisitions and achieve the anticipated revenue, earnings, accretion and other benefits from these acquisitions; slower than anticipated growth and market acceptance of new clean energy product offerings and the other factors discussed in Item 1A (Risk Factors) in the Company's most recent Annual Report on Form 10-K filed with the SEC and Quarterly Reports on Form 10-Q, which should be reviewed carefully. The Company undertakes no obligation to update or revise any forward-looking statement.



We can't wait to build upon our ESG progress and accelerate the clean energy transition in 2023 as a combined company! #StrongerTogether



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**ESG**

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