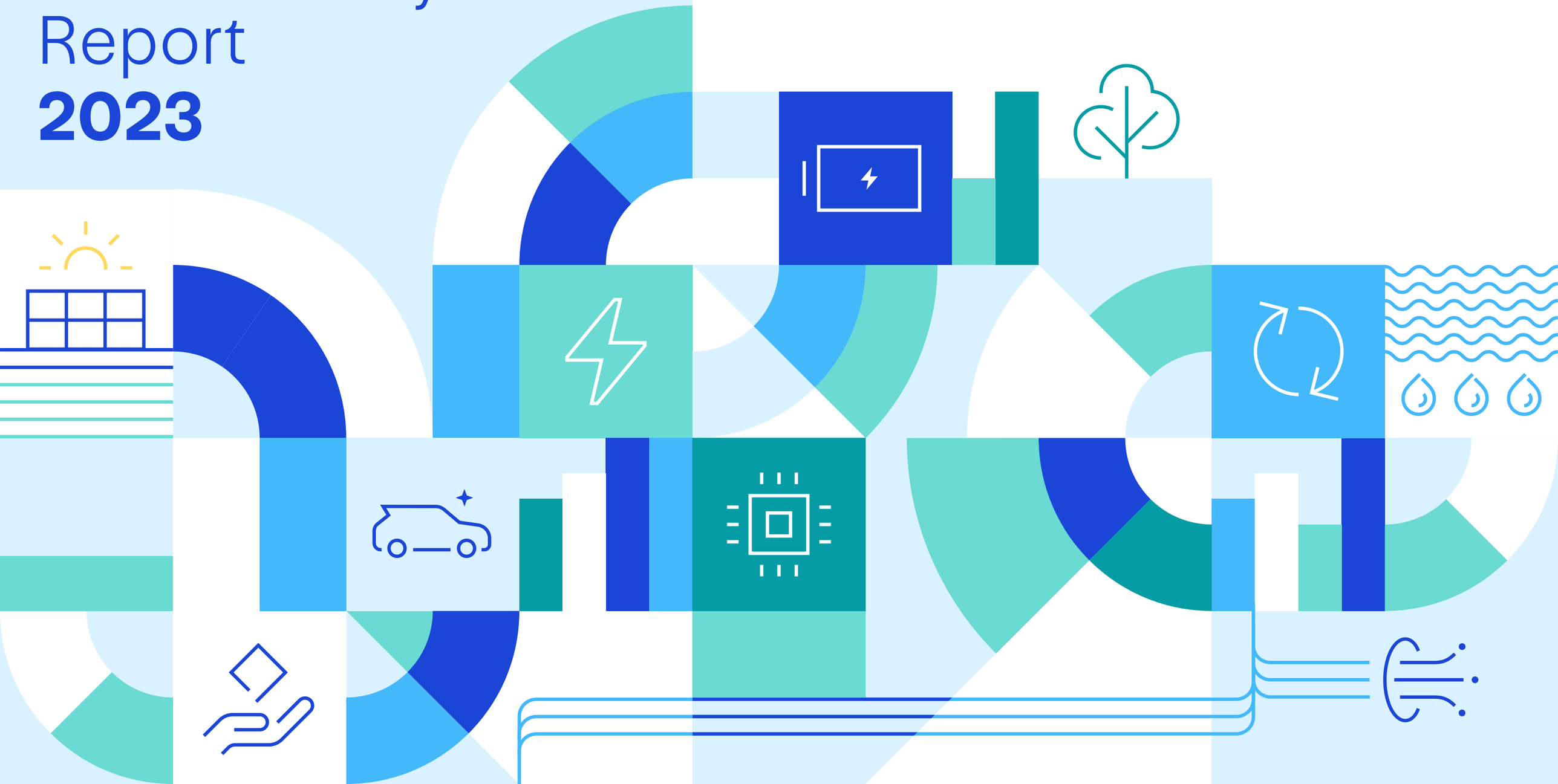
Sustainability Report 2023

CORNING



Powerhouse South, which provides energy for many of Corning's facilities in Corning, New York, stands between the iconic Little Joe Tower and the Chemung River.

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Energy management is a crucial part of Corning's sustainability plan. Here, an employee monitors steam production in a powerhouse.

From our CEO

Our mission at Corning is another 170 years of life-changing innovation. To accomplish that mission, we clearly understand that our actions must benefit our stakeholders – both today and for generations to come. In many ways, our sustainability efforts allow us to more clearly communicate our actions to continue to make the world a better place through our innovations, while inspiring us to become a better version of ourselves.

So let me give you a few examples that reflect our purpose and illustrate how our sustainability efforts and innovation work reinforce each other.

In 1970, the movement for clean air began in the United States. Corning answered the call, pioneering emissions control technologies with the invention of our ceramic substrates, and a few years later, particulate filters. In 2023, we celebrated the 50th anniversary of our Environmental Technologies business and these technologies, which have helped to decrease automotive emissions by 99% and have prevented 4 billion tons each of hydrocarbons and nitrogen oxides from polluting the air. The U.S. Environmental Protection Agency credits these innovations with saving hundreds of thousands of lives each year in the United States alone.

Now let me skip forward a half century. In July, we launched Viridian™ Vials, the latest of Corning's innovations in pharmaceutical packaging. Viridian™ Vials contain 20% less glass material than conventional vials and can help drug manufacturers improve filling-line efficiency by up to 50% while reducing vial manufacturing emissions by up to 30%. This is a great example of how we are embedding sustainability into our products and helping customers solve their key challenges – i.e., ensuring the delivery of lifesaving medicine – while reducing their environmental impact.

In each case, inspired by the human and environmental sustainability needs of our current and future stakeholders, we set our innovation engine to work, and the result was a stronger Corning and a healthier world.

Despite these contributions, there is always more for us to do. One area we're leaning further into is energy. Our dedication to using less energy is long established: This year, Corning was named an Energy Star Partner of the Year by the U.S. Environmental Protection Agency for the 10th consecutive year – a distinction shared by only 10 companies. We also want to make sure we're using the right energy sources. Our role in making the fundamental materials of the solar industry has led to us being an early U.S. adopter of renewables. And, while I'm incredibly proud of our progress, we need to do better, even in countries that have a meager supply of clean electricity.

Now, we wouldn't be able to reflect on this level of long-term progress with only a fair-weather commitment to sustainability. We honor our mission in good times and bad.

Like many times in the past 172 years, Corning faced a tough operating environment in 2023. But despite financial headwinds that impacted our resources and efforts, we remained dedicated to our sustainability initiatives.

This year, we developed new, more sustainable products across our portfolio. We rolled out new programs to increase opportunities for employees and strengthen our communities. We entered into new collaborations with organizations that share our commitment to sustainability best practices. And we earned accolades that underscore the fact that we're on the right track.

Of course, we know that our sustainability efforts remain a work in progress, so in the following pages you'll find a candid assessment of how we are performing and areas where we are inspired to improve.

The work I've highlighted here and the many other examples you'll find in this report illustrate the fact that there are many ways we are working to make a positive difference in the world. I invite you to follow our progress as we strive to continually create a better version of ourselves and a better version of the world we share – today and for generations to come.

Wendell P. Weeks

Chairman and Chief Executive Officer

About this report

Corning Incorporated is pleased to present our annual Sustainability Report. In this report, we update progress against our sustainability goals and provide an overview of our efforts in areas deemed most important to our business and key stakeholders.

Reporting scope

The data in this report reflect Corning's worldwide operations across all reportable business segments for calendar year 2023 but do not include our majority-owned subsidiary Hemlock Semiconductor (HSC), unless otherwise noted. All financial figures are in U.S. dollars unless otherwise noted.

Reference to reporting standards

This report has been prepared with reference to the Global Reporting Initiative's (GRI) Standards. It also responds to the SASB Hardware Sustainability Accounting Standard, which is most relevant for our business. We have also aligned our disclosures with the Task Force on Climate-related Financial Disclosures (TCFD) recommendations as well as relevant United Nations (UN) Sustainable Development Goals.

Data collection and assurance

Data for the sustainability report are compiled and confirmed by the respective data owners, often with the help of specialized data management tools. Third-party limited assurance has been provided for our water, energy, and greenhouse gas (GHG) emissions, including Scopes 1, 2, and 3 (categories 1-4 only). Other project claims and impacts are not part of the data assurance process but are peer-reviewed internally for accuracy.

To provide timely reporting to our stakeholders, it is necessary to estimate certain environmental data for the fourth quarter of the reporting year. We update these estimates to actuals in our Carbon Disclosure Project (CDP) responses, typically provided in the summer, and we carry these actuals forward in subsequent sustainability reports. Specifically, Corning's 2022 emissions are as reported in our 2022 CDP response and vary slightly from what was reported in our 2022 Sustainability Report. Changes reflect not only the addition of HSC, but increased data maturity, methodology improvements, market-based assessment of Scope 2 data, and the addition of previously excluded emissions from small direct and indirect sources.

For more information:

- Our sustainability goals can be found on page 13.
- How we applied reporting standards can be found on pages 76-84.
- Other key topics, including patent and intellectual property protection, can be found in our 2023 Annual Report on Form 10-K and 2024 Proxy Statement.

We are committed to providing annual updates on our sustainability performance and strive to expand our disclosures in future reports.

Employee sustainability photo contest

We believe that small actions can create a big impact. So we asked our employees to showcase their commitment to sustainability and how they incorporate it in their daily lives through a photo contest. The photos are featured throughout the report.

In Reynosa, Mexico, this employee-made display of recycled bottle caps helped promote environmental care during a fundraiser for cancer care.
Photo by Sabrino Salazar, digital transformation leader

Sustainability highlights

Renewable electricity

Entered a virtual power purchase agreement for a **solar plant** that we expect to provide enough renewable electricity for 100% of our European operations

Named an **ENERGY STAR® Partner of the Year** for the 10th year in a row by the U.S. Environmental Protection Agency

– one of only **10 companies** that have consistently achieved this distinction

>6,000

employees participated in more than **70 employee resource group chapters** around the world

The **Science Based Targets initiative (SBTi)** has approved Corning's near-term science-based emissions reduction targets

↑50%

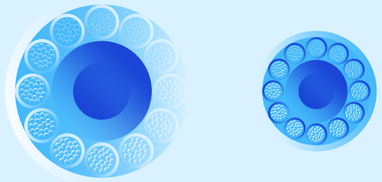
filling-line efficiency

↓30%

CO_2e emissions

Introduced **Corning® Viridian™ Vials**, which can help drug manufacturers improve filling-line efficiency by up to 50% while reducing vial-manufacturing carbon-dioxide-equivalent (CO_2e) emissions by up to 30%

Developed the **Corning® SMF-28® Contour optical fiber portfolio** with reduced coating diameters, decreasing size and materials in cable solutions to **lower carbon footprint by up to 60%**



Earned a spot on the World Benchmarking Alliance's 2023 **Digital Inclusion Index**

Joined the **Responsible Business Alliance**

Scored **100 on the Disability Equality Index®** and named **Best Place to Work** list by the American Association of People with Disabilities and Disability:IN

Delivered the **50 millionth gasoline particulate filter**

helping to prevent **thousands of tons of particulate matter** from polluting the air

Continued to advance the development of **Ribbon Ceramics**, which could lead to smaller and higher-energy power sources

Named one of **America's Best Large Employers** by Forbes

31,646 logged in **employee volunteer hours**

Scored **100%** on the Human Rights Campaign **Corporate Equality Index**

Provided **$3.5 million** in **charitable giving** to **264** organizations

Celebrated **30 years** of fostering STEM development with middle school girls through our **Choices program**

Opened **Optical Cable Manufacturing campus** in North Carolina to accelerate broadband buildouts and connect the unconnected

Celebrated **50 years** of Corning Environmental Technologies

Interview with our vice president of sustainability and climate initiatives

As VP of sustainability and climate initiatives, Mark Steen has described his role as “where strategy meets the tactical.” He shares his thoughts on the current state of sustainability at Corning.

Can you give us some highlights from the year? What’s going well?

I think sustainability at Corning is accelerating in exciting ways. You can see that in various awards and recognitions listed throughout this report, so I’ll spotlight some of the easier-to-miss developments that indicate to me that our positive impact will be deep and long-lasting.

We’re doing an especially good job embedding environmental sustainability attributes into our products. Wendell mentioned Viridian™ Vials. Other examples include our SMF-28® Contour optical fiber portfolio, which lowers product carbon footprints by up to 60%, and our ColdForm™ Technology, which enables automobile dashboards and consoles with less embodied carbon. We have also continued working on innovations to minimize our carbon emissions related to melting glass, with an ultimate goal of eliminating our largest source of Scope 1 emissions.

We continue to develop social sustainability programs to support our people and communities. In 2023, we launched new leadership development programs and expanded our Values and Inclusive Behavior training course. In addition, we consolidated our philanthropic giving into a new Community Impact & Investment Center of Excellence to maximize our impact. In this report, you can read more about our work to fight rabies and cancer (page 49). These are long-term initiatives where we apply Corning’s expertise to improve people’s health and well-being.

Finally, our people continually inspire me with their dedication to sustainability. There’s no better example than the Corning Sustainability Network. This all-volunteer, self-led group donates their time and energy to sustainability work all over the world (see page 15). Whenever I feel daunted by the challenges ahead, I’m re-energized by their resourcefulness, creativity, and commitment.

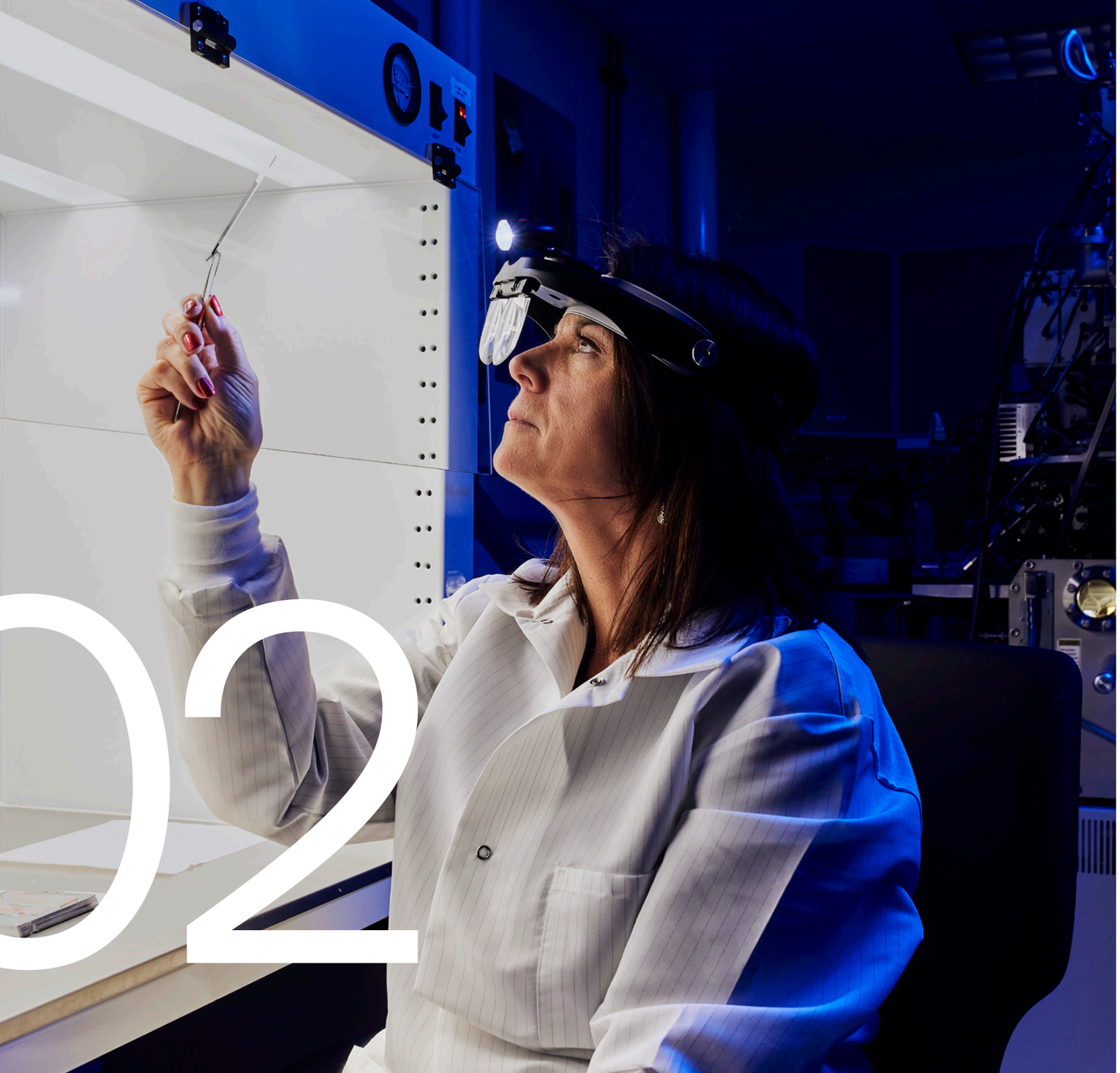
What are some of the challenges you’re managing?

Balancing business growth with our emissions reduction efforts is an ongoing challenge. Our emissions intensity has increased, due to a combination of challenging operating environment and growing solar polysilicon production. We’re making strategic short-term trade-offs to position ourselves for growth in products that have a very positive impact on environmental and social good, such as solar and optical connectivity products. But it will remain a delicate balancing act, and we need to stay on track with our long-term decarbonization commitments. A more subtle, but perhaps thornier, challenge is the economics of sustainability. For example, many companies have committed to decarbonizing their products, so they demand lower-carbon materials from suppliers. Not surprisingly, there’s often a cost involved, and the players in the supply chain need to agree on how to share that cost. The economics will eventually work themselves out, but that alignment between decarbonization and capitalism is extremely important – and extremely difficult.

Is there something that Corning is especially good at when it comes to sustainability – something that stands out compared to other organizations?

Yes! I believe we’re distinguished by the size of our handprint – ways we change lives for the better – which stems directly from Corning’s distinctive style of innovation. Our solutions often require patient investment, but ultimately move the world forward in profound ways, deliver value over decades, and become the foundation of future innovations. Wendell noted Corning’s invention of ceramic substrates in the 1970s. Not only did our product reduce auto emissions by 99%, we’re also now leveraging that technology to create carbon-capture solutions. Corning’s expertise creates an incredibly rich set of handprint opportunities. Our innovations can help decarbonize the economy, connect the unconnected, and improve health care around the globe. That ability to have a significant positive impact on our stakeholders and the world is quintessential Corning.

Mark Steen, Ph.D.
Vice President of Sustainability
and Climate Initiatives



02

Vital to progress

Corning is vital to progress, and that includes helping the world work, learn, and live sustainably and equitably. We bring teams of highly skilled, passionate Corning employees together with our customers and partners to develop cutting-edge technologies that transform industries, enhance lives for billions of people, and drive profitable multiyear growth.

- Our business
- Our stakeholders
- Our approach to sustainability

Corning's commitment to quality begins in the research and development process. Here, a specialist inspects a piece of glass.

Our business

Leveraging our best-in-the-world capabilities, Corning's businesses evolve with the world's needs.

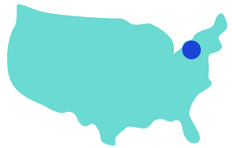
Corning applies its unparalleled expertise in glass science, ceramic science, and optical physics, along with its proprietary manufacturing and engineering capabilities, to develop category-defining products that transform industries and enhance people's lives.

Our Market-Access Platforms (MAPs) include Optical Communications, Mobile Consumer Electronics, Display, Automotive, and Life Sciences. In addition, we have growing opportunities within other business areas, most notably Solar and Semiconductor. Learn more here.

Corning at a glance*

*Numbers for the year concluded December 31, 2023.

HQ
Corning, New York



Global Laboratories
17

Market Capitalization
$26 billion

Active Global Patents
12,900+

Manufacturing Facilities
78

Global Presence
44 countries

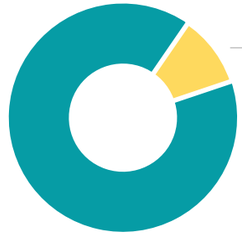
NYSE
GLW

Employees
~48,300

Operating Locations
150

Core Sales
$13.6 billion

Research, Development & Engineering Investment (RD&E)



~$1 billion

~7% of our annual sales

Our Values

Quality

Integrity

Performance

Leadership

Innovation

Independence

The Individual

How we do things is just as important as what we accomplish.

Corning is guided by core Values that define our relationship with our stakeholders. They are the foundation of who we are and guide our actions and decisions – wherever we are, whatever we do.

In 2023, we held a series of in-person and virtual employee discussions on the Corning Values, such as this session with Corning Display Technologies in Chongqing, China.

Our stakeholders

We operate in a complex, interdependent, and symbiotic ecosystem along with our stakeholders. Corning would not exist without their contributions and support, and, in return, we deliver tangible value that empowers them to succeed. We regularly engage with stakeholders to listen, learn about, and discuss ways we can address issues important to them and our business. Learn more about how we engage on page 62.

Corning's plan for sustainability includes protecting the planet for future generations.
Photo by Cui Haitao, senior mechanical engineer

Our approach to sustainability

At Corning, we take an approach to sustainability that addresses key challenges of the moment and evolves to meet the needs of the future.

We deliver value in many ways: life-changing innovations we bring to market, high-paying, rewarding jobs that span generations; partnerships that strengthen the resilience of our communities; and high-quality financial returns. Our enduring stakeholder relationships are based on trust and respect built over many years through engagement, adherence to high ethical standards, and transparency.

We think about our contributions in two categories:

1

First, our **footprint** – how our actions directly affect others in areas such as gender pay equity and carbon emissions from our operations.

2

The other is our **handprint** – what we enable others to do through our products and services.

Our priority focus areas, based on our most recent Sustainability Topic Identification and Prioritization process, are:[1]

Governance/corporate sustainability

- Patent and intellectual property protection
- Risk management
- Ethical business practices
- Data security
- Data privacy
- Corporate governance
- Transparency and reporting
- Community involvement and corporate citizenship
- Social advocacy
- Environmental advocacy
- Climate resilience

Operations environmental impact

- Energy and climate action (Scope 2)
- Water conservation
- Waste management
- Hazardous substance management
- Biodiversity
- Efficient use of raw materials

People sustainability

- Diversity, equity, and inclusion
- Human capital management
- Occupational safety
- Occupational health
- Respect for human and labor rights

Sustainable supply chain

- Data privacy
- Community involvement and advocacy
- Greenhouse gas emissions (Scope 3)
- Waste and recycling
- Energy management
- Water management
- Human rights, working conditions, and fair labor
- Diversity, discrimination, and harassment
- Health and safety
- Product stewardship and life cycle

Product sustainability

- Sustainability-driven innovation (includes Scope 1 carbon reduction targets)
- Product stewardship
- Circular economy
- Product quality
- Product safety

1 We completed our most recent Sustainability Topic Identification and Prioritization process in 2022.

Our sustainability goals and progress

We have forward-looking goals specific to our sustainability focus areas and business strategy. Below we share our progress against each. We have also identified alignment between our goals and specific UN Sustainable Development Goals that we can most significantly affect.

Needs attention | On track | Achieved

Sustainability goals	Sustainability area		2023 progress
By the end of 2023, assess Corning's exposure to water stress	Water Conservation SDGs 6, 12	☑	Used the World Resources Institute's Aqueduct Water Risk Atlas tool to assess water stress across all manufacturing locations, considering both current and future water stress forecasts
By the end of 2023, Corning will be generating monthly, accurate, and comprehensive landfill waste and diverted waste data for our top 10 waste-generating sites	Waste Management SDG 12	☑	To improve the accuracy of our waste data, we reviewed and categorized landfill waste and diverted waste metrics according to UL ECVP 2799 Standards definitions Developed comprehensive material management plans based on 2022 waste metrics at our top 10 waste-generating sites Worked to identify recycling opportunities at our largest waste-generating sites
Encourage increased volunteerism efforts year over year by supporting and rewarding employees' efforts in the community	Community Involvement and Partnership SDG 11	☑	Employees logged 31,646 volunteer hours – an increase of 11% over 2022
Reduce our absolute Scope 1 and 2 greenhouse gas emissions by 30% by 2028 from a 2021 base year	Energy Management SDGs 7, 9, 13	→	Science Based Targets initiative (SBTi) has approved Corning's near-term science-based emissions reduction targets Invested >$10M on site-level energy reduction-related projects
Increase our use of renewable energy by 400% by 2030 from a 2018 baseline	Energy Management SDGs 7, 9, 13	→	Entered a virtual power purchase agreement for a solar plant that we expect to provide enough renewable electricity to cover 100% of our European operations. In the next three to five years, we aspire to use 100% renewable energy in our U.S. and European operations. Year-end-status: achieved 30% of the goal (119% increase of the use of renewable energy)
By the end of 2024, Corning will be generating monthly, accurate, and comprehensive water-use data for our top 10 water-use facilities	Water Conservation SDGs 6, 12	→	Analyzed water volume, water processes, and current metering status at our top 10 water-using facilities. Identified best practices that will guide future water-efficiency projects at these facilities
By the end of 2028, Corning will increase its waste diversion rate to greater than 80% globally	Waste Management SDG 12	→	In progress
Certify 100% of our high-risk suppliers as socially responsible by 2025	Sustainable Supply Chain SDGs 8, 12, 17	→	Certified 70% of our high-risk suppliers as socially responsible
Reduce our total recordable case incident rate (TRIR) within the portion of our operations that disproportionately contribute to our overall recordable injury and illness rate by at least 10%	Occupational Health and Safety SDG 8	→	Corning's four Safety Focus Program sites achieved an average reduction of 46% in their TRIR. Across all Corning sites, there was a 24% reduction in TRIR.
Achieve understanding of the Corning Code of Conduct, including how to report allegations of ethical or legal misconduct, for 100% of employees	Ethical Business Practices SDG 8	→	97% of employees understand our Code of Conduct 90% of employees understand how to report violations
Reduce our absolute Scope 3 GHG emissions, covering purchased goods and services, capital goods, fuel- and energy-related activities, and upstream transportation and distribution by 17.5% by 2028 from a 2021 base year	Energy Management SDGs 7, 9, 13	⚠	Launched Corning supplier operations decarbonization program and received data from suppliers that cover 56% of Corning-purchased goods and transportation and 82% of our category 4 emissions Reduced transportation emissions by 17% over 2022 Launched emissions reduction program with key strategic suppliers

Sustainability governance

Our sustainability governance structure works to accelerate and integrate our strategy throughout the company.

Our commitment to sustainability starts at the top of our organization. Six committees of our Board of Directors oversee the development and execution of our sustainability efforts, with the Corporate Responsibility and Sustainability Committee (CRASC) taking a lead role. The committees receive briefings on relevant sustainability impact areas as necessary, with the CRASC receiving briefings and discussing sustainability at every committee meeting.

In 2023, we reorganized our sustainability management oversight framework.

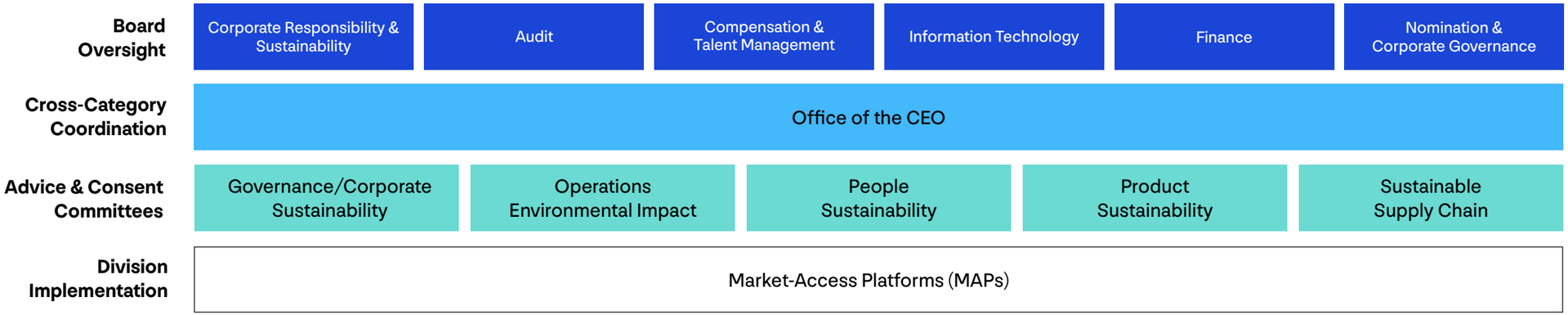
Sustainability addresses a wide range of topics and Corning's organizational structure seeks to manage those topics as close to the relevant operations as possible. For instance, we locate supply chain sustainability within Global Supply Management and employee-related sustainability within Human Resources.

Reflecting this broad range of topics and operational organization, our Office of the CEO (OCEO)[2] has ultimate management accountability for our sustainability strategy and performance. Our vice president of sustainability and climate initiatives, reporting to our executive vice president and chief strategy officer, updates the OCEO on sustainability topics on a roughly quarterly basis. To better focus sustainability governance below the OCEO level, we have organized our prioritized sustainability topics into five categories and created Advice & Consent Committees (ACCs) to oversee each category. The ACCs are composed of senior leaders with relevant operational responsibilities, as well as our vice president of sustainability and climate initiatives. The ACCs meet regularly (roughly quarterly), although the Product Sustainability ACC was still being formed at the end of 2023.

Our MAPs are responsible for implementing Corning's sustainability efforts throughout the businesses. Each MAP has a sustainability lead and, together with representatives from several functions and corporate sustainability (including the vice president of sustainability and climate initiatives), these leads comprise our Sustainability Center of Excellence (CoE), which meets roughly weekly. The CoE enhances our cross-corporate consistency, prioritizes sustainability efforts, and helps to realize and scale benefits of sustainability work across the corporation.

We integrate sustainability-related risks into our enterprise risk management process.

Our sustainability governance structure



2 Composed of seven executive leaders, the OCEO meets weekly to make decisions about topics of importance to the corporation.

Corning Sustainability Network

Employees at every level contribute to the achievement of our sustainability goals. Many decide to go even further by joining the Corning Sustainability Network (CSN). Marking its second year in 2023, this grassroots initiative gives employees an opportunity to broaden their sustainability knowledge, participate in community events, and network with other Corning employees who share their passion.

Amit Dikonda, manager, administration, from Corning's Optical Fiber facility in Pune, India, was one of several Corning employees honored during the inaugural CSN Sustainability Week Awards. Dikonda led his site's efforts to install an organic waste converter, turning leftover cafeteria food into compost used in the site's garden.

Zeroing in on waste reduction

Based on member feedback, CSN designated 2023 as the Year of Reducing Waste. Throughout the year, members shared best practices and helped divert waste from landfill. Results included:

>500

cumulative employee hours committed to training on waste and recycling

~1 metric ton

of recyclable materials and used batteries collected

Sustainability Week 2023

During its inaugural Sustainability Week, CSN hosted more than 30 events in nine countries with over 1,200 employees. Events included e-waste collections, nature walks, planting pollinator gardens, and hosting panels on topics such as climate impact. The network also hosted quarterly webinars and monthly fireside chats highlighting best practices at Corning sites.

Corning's Optical Communications campus in Stryków, Poland, was recognized as Corning's most engaged site during CSN Sustainability Week. The team held eight events, including waste reduction and biodiversity workshops.

- E-waste collections
- Panel events
- Planting gardens
- Nature walks

Our **Shanghai Optical Connectivity Solutions site held a trash-to-treasure contest, encouraging employees to recycle useful waste.** Employees created 31 entries from beverage bottles, disused optical cable, delivery boxes, and discarded magazines.

The Corning Green Commuter App – developed by CSN members – encourages more environmentally friendly commutes to the office. More than 130 employees from 40 locations logged over 42,000 kilometers (km) since the app's launch in July 2023. The app compares the employee's commute to one by a gas-powered car, calculating the colleague's environmental impact.

Learn more about how Corning is reducing waste to landfill.

Driven by innovation

The world’s most complex challenges won’t get solved with business-as-usual thinking. That’s why Corning invests in innovation – to find new, transformational ways to push progress and make meaningful impact. Whether it’s tackling a new glass composition or developing a greener way to produce our life-changing solutions, Corning’s bright minds continue Corning’s culture of innovation and drive tomorrow’s change.

- Inventing materials and solutions for progress
- Delivering value through products and technologies

Research associate performs a material analysis using a secondary ion mass spectrometer.

Driven by innovation 2023 highlights

Delivered the **50 millionth gasoline particulate filter,** helping to prevent thousands of tons of health-damaging and smog-creating particulate matter from polluting the air

12,900+

active global patents

Prioritized the development of smaller, denser optical cable designs using low-diameter fiber like our SMF-28® Contour fiber to deliver increased data transmission capacity while simultaneously reducing carbon footprint by up to 60%

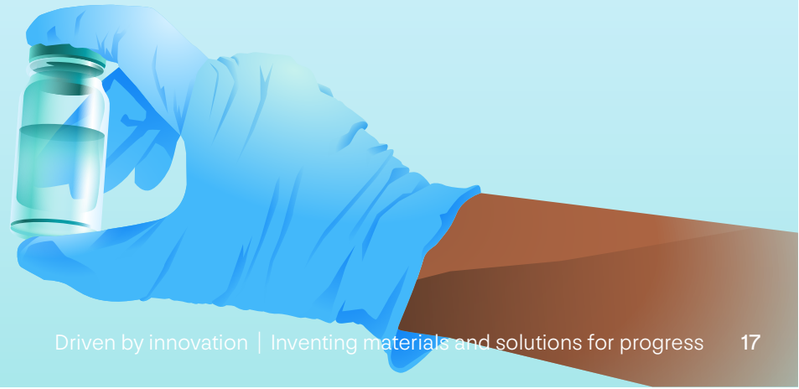
Helped Pharr, Texas, once ranked among the worst-connected cities in America, **bring affordable broadband access to its residents** using over 640 km of Corning fiber optic cable

Helped drug manufacturers **improve filling-line efficiency by up to 50% while reducing vial-manufacturing CO_2e emissions** by up to 30% with Viridian™ Vials, the newest member of our pharmaceutical glass-packaging portfolio

~$1B invested in RD&E

Launched Corning® EcoChoice™

A program where Life Sciences products are produced, packaged, and/or distributed in an environmentally friendly manner



In 2023, Jue Wang, senior development associate on Corning's Advanced Optics team, was inducted as a SPIE Fellow for his significant scientific and technical contributions to the world. SPIE is the international society for optics and photonics. Wang has earned more than 30 issued patents and authored over 100 research publications during his 23-year career at Corning.

Inventing materials and solutions for progress

Approach

We draw upon our materials science leadership, pioneering manufacturing processes, and industry expertise to make products that drive a more sustainable world.

Our senior vice president and chief technology officer oversees Corning's research, development, and engineering functions. Within Corning research laboratories, our scientists work with sustainability leads from our businesses to understand customer needs and develop approaches targeted to their opportunities.

We have begun to integrate sustainability into our innovation process by training our scientists and engineers in the principles of a circular economy. During product design, they look for opportunities to reduce reliance on raw materials and increase the use of recycled and recyclable materials without compromising product quality, performance, or appearance.

We also use life-cycle assessments that follow ISO 14040 and 14044 standards to understand the GHG impact of many of our products. We factor these data into our early-stage design decisions, as well as improvements when redesigning products. We also look for opportunities for return and reuse at the end of a product's life cycle. For more information, see the Environment section (page 22).

2023 updates

- We continue to develop ribbon ceramics, Corning's revolutionary manufacturing process that produces a new generation of high-performance ceramic substrates. These ultrathin, flexible, durable ceramics could lead to smaller and higher-energy power sources with the potential to take consumer electronics and transportation beyond what is possible with today's lithium-ion batteries. Ribbon ceramics could also enable advantaged electrolysis cells for green hydrogen production, helping reduce industrial carbon emissions and lower harmful pollutants.
- For the rapidly evolving industry of carbon capture, Corning continues to apply its emissions control expertise. In 2023, we worked with over 30 organizations to help expand and scale the foundational technology needed.
- Our Optical Communications business strengthened its focus on sustainable design by incorporating sustainability into ideation tools, establishing eco-design criteria, and piloting a sustainability value proposition tool to integrate customer feedback and needs into its product development process.

For more information on research and development at Corning, visit our website.

Sharing knowledge

Advancements happen by bringing people together

In 2023, Corning's research organization gathered designers, futurists, scientists, technologists, and graduate students, primarily from academia and government-funded agencies, for a four-day virtual event on sustainability and challenges facing the glass industry. Marking the company's fifth biennial Glass Summit, the event included sessions on the circular economy, process innovations toward sustainable glass production, products for a sustainable future, and sustainable input materials and recycling.

Delivering value through products and technologies

Sustainability in action

Our technology helps scientists cure diseases through the power of cell therapy.

Our **revolutionary pharmaceutical packaging** portfolio enables:

1 more-sustainable production processes

2 efficient logistics

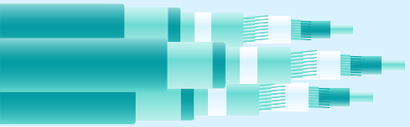
3 reduced waste

4 swift delivery of lifesaving vaccines

Our **climate change-focused solutions** lead to:

- cleaner vehicles
- more sustainable connectivity
- more-efficient buildings
- cleaner energy
- better battery storage
- **And this is just the start.**

Connecting the unconnected



Since 2020, Corning has invested more than **$500 million** to meet growing fiber and cable demand.

Why it matters:
High-speed internet is no longer a luxury – it is necessary for people around the world to do their jobs, participate equally in school, access health care, and stay connected with family and friends.

Hear from Mike Bell, senior vice president and general manager of Optical Communications, on why Corning believes access to broadband is essential.

What we are doing:
Helping to provide network operators with the cable they need to **bring high-speed fiber connectivity to underserved communities**, particularly in rural America.

Corning is working with the city of Pharr, Texas, once ranked the worst-connected city in America,[3] to bring affordable broadband to its residents. Pharr is in the process of rolling out a city-owned fiber-to-the-home network using Corning's fiber optic solutions. The project is expected to include over 640 km of Corning fiber optic cable, making it one of the largest municipal projects we've supplied in the region. Already, the city has **connected over 3,500 homes.**

Learn more

We **donated cable supplies** to several Ukrainian organizations

to support the critical ongoing need for connectivity. These donations went to the regional clinical hospital of Ivano-Frankivsk, Poltava V.G. National Pedagogical University, and Poltava National Technical University, the latter of which holds classes in underground bunkers.

3 Source: Worst Connected Cities 2019 – National Digital Inclusion Alliance

Empowering biopharma manufacturers to deliver more, using less

Why it matters:
As injectable medicines become increasingly important to global health, manufacturers need to increase production while reducing the environmental impact of their supply chain. This includes reducing the **hundreds of millions of pounds** of glass vials discarded as medical waste each year.

What we are doing:
The latest invention in our pharmaceutical glass packaging portfolio, Viridian™ Vials, is helping drug manufacturers **improve filling-line efficiency by up to 50%** while reducing vial-manufacturing CO_2e emissions by **up to 30%.**

Because Viridian™ Vials use **20% less glass material** than conventional glass vials, there is less waste after use. We also are helping to shorten drug development timelines with the launch of our Advanced Flow Pharmaceutical Technology services business.

Helping to monitor the environment in real time

Why it matters:
The **sooner** an oil or gas leak or toxic algae bloom is identified, the **faster** it can be addressed.

What we are doing:
Helping customers such as Orbital Sidekick (OSK) see specific materials on Earth from space. In 2023, OSK launched the first satellites that will form its GHOSt (Global Hyperspectral Observation Satellite) constellation. Each features a Corning hyperspectral imaging sensor.One vital mission of the GHOSt constellation is monitoring oil and gas pipelines for leaks, especially leaks of methane, a GHG that can be significantly more potent at trapping heat than carbon dioxide.

Our hyperspectral imaging sensors are also helping a team of researchers from the State University of New York identify harmful algae blooms in lakes across the state. Lake managers use the data to mitigate the blooms at the source and prevent them from reoccurring. Since 2018, Corning has donated four Corning®microHSI™ 410 SHARK hyperspectral imaging sensors to support their efforts.

Helping data centers expand quickly and responsibly

Why it matters:
Today's data centers – the massive storage hubs that support data-rich applications – must expand to process increasing flows of information, especially as machine learning and artificial intelligence become integral to more and more industries. Given that the energy required to run and cool data centers accounts for approximately 1% of the planet's power consumption, it's imperative operators grow responsibly.

What we are doing:
Helping data centers reduce emissions through our EDGE™ Distribution System, a pre-engineered connectivity solution for data centers that provides up to a

55% reduction
in carbon footprint

by minimizing materials and packaging. We are also developing smaller, denser cable designs using high-performance small-diameter fiber to deliver increased data transmission capacity while simultaneously reducing environmental impact. For example, a life-cycle assessment in 2023 showed that our new MiniXtend®cable with Flow Ribbon Technology has an up to 60% lower carbon footprint compared to our FREEDM® UltraRibbon™ cable offering.

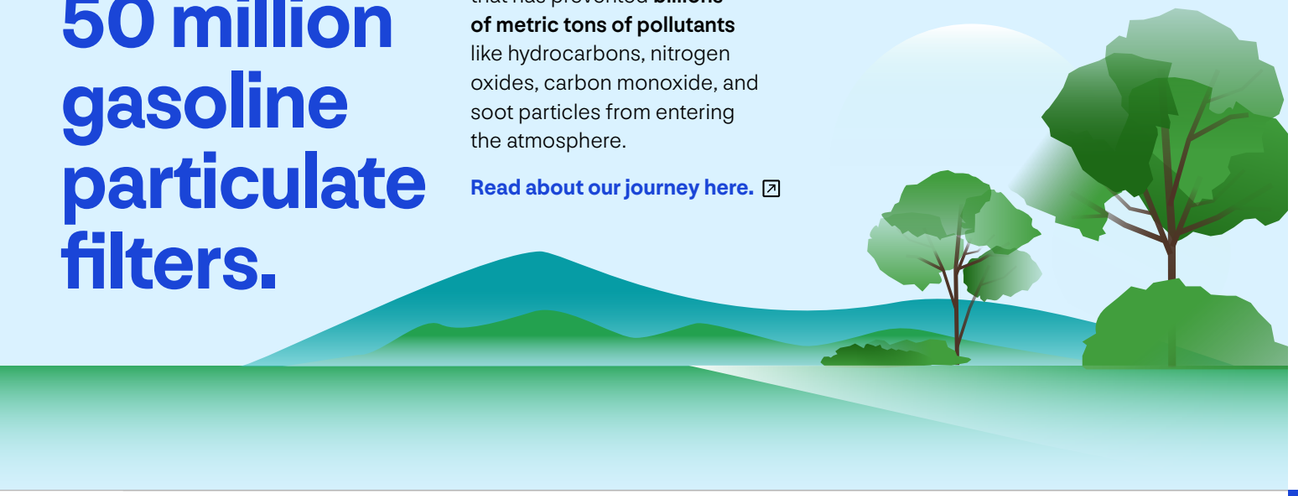
Celebrating a golden anniversary of cleaner air

2023 marked 50 years of Corning Environmental Technologies and a key milestone – the delivery of

50 million gasoline particulate filters.

For five decades, we've risen to the call of the U.S. Clean Air Act, delivering emissions control technology around the world that has prevented **billions of metric tons of pollutants** like hydrocarbons, nitrogen oxides, carbon monoxide, and soot particles from entering the atmosphere.

Read about our journey here.



Providing a clear and bright view

Corning's Architectural Technical Glass (ATG) portfolio is helping PGT Innovations,[5] a national leader in premium windows, doors, and garage doors, produce more energy-efficient products, including **thin triple-insulated glass units** and laminated glass solutions. PGT's new **Diamond Glass** is a laminated, ultra-lightweight glass solution that features Corning ATG.

ATG is 45% lighter

than traditional laminate glass, as well as more impact- and scratch-resistant than traditional laminates.

PGT's ULite offering also features Corning ATG and is designed to help meet new ENERGY STAR® Version 7.0 guidelines.

5 In January 2024, MITER Brands™ and PGT Innovations Inc. announced they have entered into a definitive merger agreement for MITER to acquire all outstanding shares of PGTI. PGTI also announced that it terminated its merger agreement with Masonite International Corp. dated December 17, 2023.

Making it easier to shop for sustainable products

In 2023, Corning Life Sciences launched Corning® EcoChoice™,

a sustainable claims program[4] that shows customers which products are **produced, packaged, and/or distributed in an environmentally friendly manner,** following U.S. Federal Trade Commission guidelines.

Our customers are acknowledging our sustainability efforts.

Avantor, a Corning Life Sciences customer, recognized Corning through its inaugural Responsible Supplier Program Collaboration, while Fisher Scientific recognized us with its Excellence in Sustainability award.

4 All product sustainability statements are specific, evidence-based, and traceable.

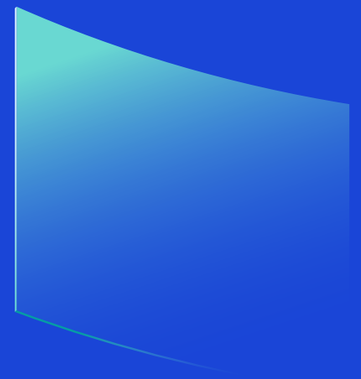
Helping customers shine

Consumer Korea; the Korean Minister of Trade; Industry and Energy; and the Minister of Environment named LG Electronics Vehicle Components Energy Winner of the Year for its two-in-one integrated curved display featuring Corning® AutoGrade™ Gorilla® Glass and Corning® ColdForm™ Technology.

↓25%

carbon emissions

Over 20 partners use these Corning technologies to produce curved auto interior displays that require up to 25% less carbon emissions, when compared to hot-formed cover glass.



04

Environment

We work to improve our impact on the environment throughout our operations and value chain by reducing the natural resources we use, the emissions we produce, and the waste we generate.

- Our environmental strategy
- Energy and emissions
- Water management
- Waste management

Two Corning employees work together on a ceramic extrusion experiment in a lab at Sullivan Park.

Environment 2023 highlights

Reviewed and categorized landfill waste and diverted waste metrics according to UL ECVP 2799 and focused efforts at our top 10 waste-generating sites

Invested

>$10M

on site-level energy reduction-related projects

Validated **near-term science-based emissions reduction targets** with SBTi

Entered a virtual power purchase agreement (VPPA) to **develop a solar plant** that we expect to provide enough renewable electricity for 100% of our European operations

Kicked off our Scope 3 supplier operations decarbonization program with suppliers that make up 80% of our GHG emissions

Named an **ENERGY STAR® Partner of the Year for the 10th year** in a row by the U.S. Environmental Protection Agency

Used the World Resources Institute's Aqueduct Water Risk Atlas tool to **assess water stress across all Corning manufacturing locations,** considering both current and future water stress forecasts

Our environmental strategy

Transforming our operations for a sustainable future

Approach

The Corporate Responsibility and Sustainability Committee of our Board of Directors oversees our environmental responsibilities within our operations. Our Global Energy Management (GEM) program manages our energy and water use, waste, and emissions.

Our approach is guided by our Environmental Policy, which outlines our commitment to operate in an environmentally responsible manner while complying with and striving to exceed all applicable laws, regulations, and company standards. We conduct regular corporate environmental audits and site self-assessments to help ensure compliance with our environmental policy, as well as laws and regulations.

Our global manufacturing sites and lab facilities are responsible for environmental compliance and use our global environmental data reporting tool to track their environmental data. Each site must either be ISO 14001 certified or be pursuing certification if they are a new site. ISO certification is verified by a third-party organization.

Our GEM team works with sites to help them identify environmental risks and opportunities and implement evidence-based practices to reduce their impact. We also host webinars and trainings on energy and water management for our site energy managers and energy management teams. In 2024, energy management transferred to the Global Sustainability and Climate Initiatives team.

Environmental responsibility drives Corning's transformation for a more sustainable road ahead.
Photo by Zhao Qiaolu, applications engineer

Photo contest winner
Large-scale composting.
Photo taken by Michelle Wallen, research scientist.

Energy and emissions

We are working to reduce our energy use and GHG emissions across our value chain worldwide.

Approach

To meet our SBTi-approved 2028 Scope 1 and 2 emissions goals, we are focused on:

Driving energy efficiency

We optimize processes to reduce energy use, invest in energy-efficiency projects, and communicate opportunities and best practices across our business. Energy-conservation teams at each Corning manufacturing facility are responsible for creating and executing energy strategies aligned with our global energy and emissions goals and the U.S. EPA's ENERGY STAR® Guidelines for Energy Management. We use our GHG inventory data to inform site-level reduction strategies.

Investing in low-carbon technologies

Corning uses its extensive knowledge for glass manufacturing and expertise in modeling to determine the impact of using green energy sources on glass properties. By driving the development of melting sources that use no-carbon fuels, we seek to eliminate our largest single source of Scope 1 emissions. We also collaborate with organizations such as Glass Futures, an innovative not-for-profit consortium working to decarbonize the glass and ceramic manufacturing industry.

Increasing use of renewable electricity

We are striving for a fivefold increase in our renewable electricity use (against our 2018 baseline) and toward 100% renewable electricity in the next three to five years in the United States and Europe. We look for both on-site and off-site production opportunities, including through VPPAs with additionality, community solar projects, and green tariffs. We also use Energy Attribute Certificates in regions where other renewable energy procurement options are difficult to develop or until our VPPAs become operational.

Needs attention | On track | Achieved

Actions and Results

2023 was a year of market learnings in the large-scale renewable energy project industry. Headwinds related to rising interest rates, supply chain disruptions, human rights issues, and limited project availability challenged our mission related to our GHG reduction goals. Corning is not alone in facing these challenges. The amount of renewable electricity required to abate Corning's manufacturing processes requires that we continue to closely monitor market conditions and make appropriate adjustments in our approach to and criteria for sourcing VPPAs with additionality. Aligned with this approach, in 2023, we made the decision to end our involvement in a VPPA announced in 2022 for a utility-scale solar project in Albion, Illinois. We maintain our commitment to increase our use of renewable energy by 400% by 2030 in alignment with renewable energy regulatory requirements, customer interests, and our SBTi goals, while taking into consideration the necessary criteria for procurement options associated with each.

Goals[6]		2023 Actions
Reduce our absolute Scope 1 and 2 GHG emissions by 30% by 2028 from a 2021 base year		· Science Based Targets initiative (SBTi) has approved Corning's near-term science-based emissions reduction targets · Invested >$10 million on site-level energy reduction-related projects
Increase our use of renewable energy by 400% by 2030 from a 2018 baseline*		· Signed a VPPA for a new-build solar array in Spain, the expected production of which would be enough to cover 100% of our European operations · Installed new rooftop solar panels at our site in Kaiserslautern, Germany · Began receiving power from PPAs in Evans, New York, and Taiwan · Purchased green electricity bundled with an internationally recognized certificate on the Chinese mainland. The certificate specifies the equivalent of ~5,900 MT CO_2e emissions reduction · Purchased clean electricity Env consumption certificates equal to 100% of our Shanghai Environmental Technologies facility's 2023 electricity consumption · Signed multiyear international renewable electricity certificate supply covering 100% of our expected electricity needs at our Life Sciences sites in Mexico from 2023 through 2025 · Year-end status: achieved 30% of the goal (119% increase of the use in renewable energy)

*2021 is the base year against which Corning measures SBTi progress. The base year emissions data may change in future reporting to accommodate structural changes that impact the GHG inventory boundary. This includes market-based Scope 2 emissions quantification.

6 Approved by the SBTi.

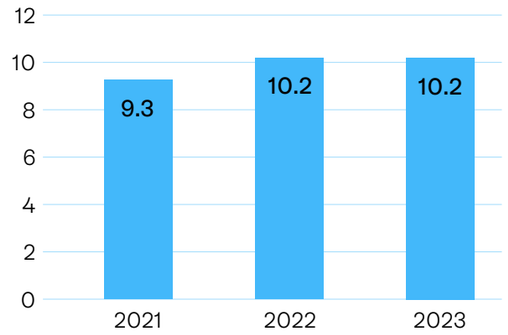
Energy use and GHG emissions data

Compared to 2022, Corning's 2023 emissions rose slightly, contained by our ongoing implementation of emissions reduction activities.

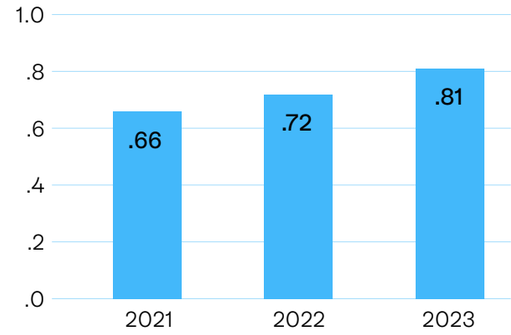
In accordance with our base-year emissions recalculation policy, our 2021 energy and GHG totals have been updated to reflect new data availability and improved calculations. We have also updated our 2022 totals to reflect new data and align with our 2023 CDP reporting. Accurate inventory data provide meaningful and consistent comparisons to allow Corning to design and track robust emissions reduction strategies to accommodate our growth and meet our ambitious SBTi targets.

Hemlock Semiconductor (HSC) became a majority-owned subsidiary of Corning in September 2020. Starting in 2021, HSC was included in Corning's operational boundary. HSC is the United States' leading manufacturer of high-purity polysilicon, a foundational material for the semiconductor and solar industries. HSC's emissions increase from 2021 to 2022 is a result of increased production of its solar-grade polysilicon. The growth of HSC solar-grade polysilicon facilitates the production of ultra-low-carbon solar panels and follows increased demand for domestic clean energy supply chains, which continues to be incentivized through the U.S. Inflation Reduction Act. Corning anticipates and encourages this growth, particularly as increased production of this critical product supports the United States' transition to a low-carbon economy.

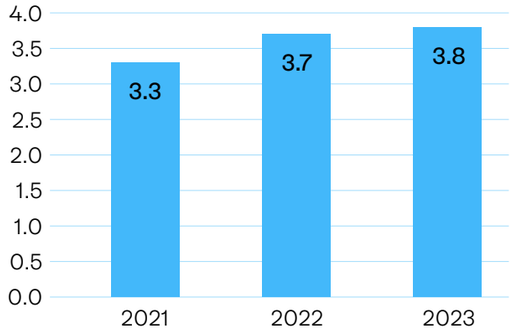
Energy use
TWh, rounded



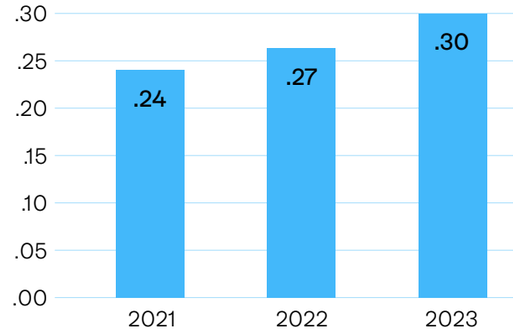
Energy intensity*
kWh/$ net sales, rounded



GHG emissions (Scope 1+2)**
Million metric tons CO_2e, rounded



GHG emissions intensity (Scope 1+2)
Metric tons CO_2e/$1,000 net sales, rounded



*Intensity figures are based on the company's net sales, which include Hemlock Semiconductor since its consolidation in 2021.

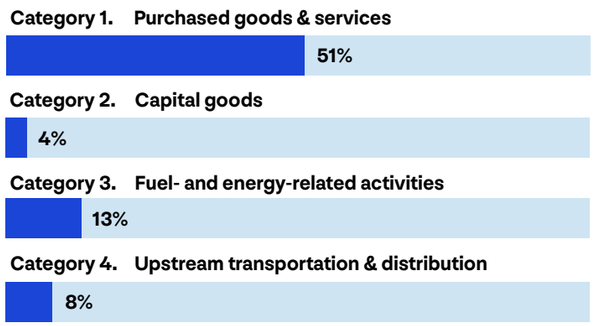
** 2023 GHG emissions totals are based on available verified data as of December 31, 2023, with estimates for many locations for November and December. Complete, actual verified emissions data for the full calendar year will be published in Corning's 2024 CDP response. This includes market-based Scope 2 emissions quantification.

Scope 3 emissions

About 68% of the emissions included in our total carbon footprint occur along our supply chain.

Approach

We focus on our four most significant upstream emissions categories, which comprise more than 75% of our total Scope 3 emissions.[7] They are:[8]



7 These four categories represent more than 75% of our Scope 3 emissions and serve as the boundary for our SBTi-aligned goal of reducing Scope 3 emissions 17.5% by 2028.

8 Values are from Corning 2022 Scope 3 emission inventory published in our 2023 CDP report.

Pursuing a “mega” goal

We’re aiming to reduce our Scope 3 emissions by

over 2 million metric tons

– or 2 megatons – by 2028.

This is comparable to the GHG emissions of driving

445,061

gasoline-powered passenger cars for one year.[9]

9 According to the U.S. EPA’s calculator.

Corning Display Technologies is the industry leader in slim glass substrates, producing glass that is less than 0.4 mm in thickness – thinner than a credit card. Using fewer raw materials, the glass requires less energy to melt – the main contributor to the product's carbon footprint – and produces fewer GHG emissions to manufacture and ship. For more information, see page 18.

Working with suppliers to meet our SBTi-approved Scope 3 emissions goal

We encourage and are working with our suppliers to develop emissions reduction plans, set SBTi emissions targets and key performance indicators, and engage in renewable electricity activities. Where appropriate, we collaborate with suppliers to source materials locally to reduce transportation-related emissions. Corning's Scope 3 steering team and executive leadership tracks, reports, and reviews supplier progress toward our goals. Through the Corning sourcing and supplier selection process, top-emitting suppliers are required to report to us their Scope 1 and 2 emissions, and upstream Scope 3 emissions. Additionally, we encourage third-party verification of their emissions data.

Reducing embodied carbon through product design and material selection

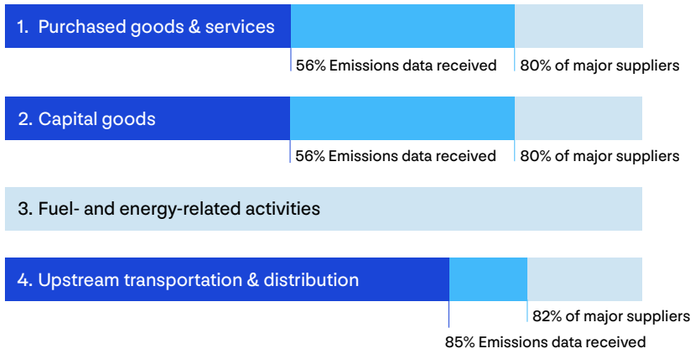
We review key materials used in our manufacturing processes to identify and implement opportunities to improve the carbon footprint of Corning purchases and services. In addition, Corning's scientists and product developers work to reduce embodied carbon during product design.

For more information, see page 18.

2023 Actions and Results

We launched our supplier operations decarbonization program to reduce our Scope 3 emissions. We are currently focusing on major suppliers that comprise up to 80% of our category 1 and 2 emissions, and 82% of our category 4 emissions. To help suppliers calculate and reduce their emissions, we provided materials and conducted virtual training sessions. Of those we targeted, by the end of 2023, we received emissions data via the CDP Supply Chain program from suppliers covering 56% of our category 1 and 2 emissions and 85% of our category 4 emissions.

Our progress on Scope 3 emissions



To improve data accuracy, we:

- Increased data granularity
- Added category 4 emissions calculations for suppliers in Asia
- Improved our calculation of warehouse emissions

To improve the accuracy of our emissions data, at the end of 2023, we refined our emissions inventory by replacing the top 20% of our Scope 3 category 1 emissions with supplier-specific emissions data. We also began using a digital carbon-accounting solution to standardize the tracking and monitoring of suppliers' emissions reduction activities.

We also work to identify the most efficient, reliable, and cost-effective transport mode to get our products to our customers. In 2023, we reduced our Scope 3 category 4 emissions by 17% over 2022 by shifting distribution of some materials from air to lower-emissions transportation options. We also consider proximity to our customers when building new manufacturing facilities to reduce transportation-related GHG emissions and packaging material.

Learn more about our governance, strategy, risk management, metrics, and targets related to climate change:

2023 CDP
TCFD
Climate change transition plan

Sustainability in action

Streamlining shipping and transportation

In 2023, Corning's Optical Communications business **optimized shipping methods:**

Reduced air shipments where feasible

Increased rail transport

Increased ocean transport

Reducing GHG emissions by

2,970 metric tons CO_2e

In addition, our Display business began using **recycled paper sheets** to separate our internal waste glass in packing crates, reducing annual CO_2 emissions by approximately

9 metric tons

We consider **proximity to our customers** when building new manufacturing facilities to reduce transportation-related GHG emissions and packaging material.

We redesigned how we package shipments for our Optical Communications products, enabling **double stacking of pallets.** This resulted in:

↓25% reduction in containers used on transatlantic ocean shipments

↓40% reduction in truck shipments from Mexico to the United States

Altogether, this reduced GHG emissions by

242 metric tons CO_2e

Water management

We are working to conserve water where it is needed most.

Approach

Based on an assessment using the World Resources Institute's (WRI) Aqueduct Water Risk Atlas version 3.0, 25 of our operating locations[10] are in high- or extremely high-water-stressed basins. While site teams at each Corning manufacturing facility are responsible for implementing water reduction, reuse, and recycling projects, we prioritize our water focus at these 25 sites.

All Corning manufacturing sites use our global environmental data reporting tool to track water withdrawal, discharge, and consumption, and to identify ways to improve water efficiency and quality. Where required by local regulations, sites track additional discharge information, such as discharge water quality. Where possible, we recycle industrial wastewater for use in our manufacturing processes.

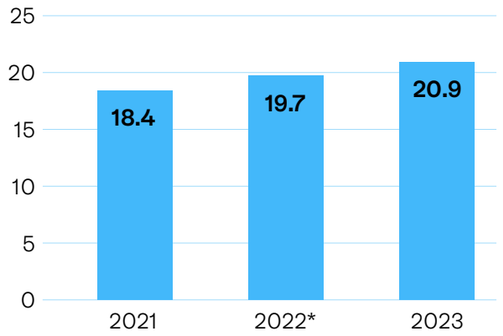
While the majority of Corning manufacturing facilities use local public water supply in their operations, certain manufacturing sites require access to alternate water sources, such as groundwater and fresh water.

Our future growth may require increased fresh water in our direct and indirect operations. We are working to offset this future demand through water-use reduction projects in our direct operations.

Needs attention | On track | Achieved

Goal			2023 Actions
By the end of 2023, assess Corning's exposure to water stress		☑	• Used the WRI's Aqueduct Water Risk Atlas tool to assess water stress across all manufacturing locations, considering both current and future water stress forecasts • For sites in high- or extremely high-water-stress basins under WRI's business-as-usual scenario, assessed basin/geographical, operational, and business continuity water risks. We also assessed water demand projections, giving us insight into potential impacts to forecasted water-stressed basins. • Assessed basin risk using WRI's Current Basin Risks dataset, including baseline water stress, baseline water depletion, interannual and seasonal variability, river and coastal flood risks, drought risks, and other areas
By the end of 2024, Corning will be generating monthly, accurate, and comprehensive water-use data for our top 10 water-use facilities		→	Analyzed water volume, water processes, and current metering status at our top 10 facilities. Identified best practices that will guide future water efficiency projects at these facilities.

Water Withdrawal
million m^3, rounded



Water Intensity	2021	2022	2023
m^3/$1,000 net sales, rounded	1.31	1.41	1.66

10 Number of sites increased from 22 in 2022 to 25 in 2023 due to additional assessments conducted in 2023.

*In accordance with our inventory management policies, our 2022 totals have been updated to reflect new, more accurate data. Intensity figures are based on the company's net sales, which include Hemlock Semiconductor since its consolidation in 2021.

Waste management

We are committed to responsible waste management in our direct operations and throughout our supply chain.

Approach

Our Waste Strategy Steering Committee, which includes Environment, Health, and Safety (EHS) leaders from all divisions across Corning, oversees our waste management strategy. Each Corning site evaluates opportunities to reduce, reuse, recycle, and compost waste whenever possible, prioritizing source reduction as the preferred control. We evaluate the treatment, storage, and disposal facilities that we send our hazardous waste to for their compliance with applicable environmental standards.

Implementing principles of a circular economy

Working with our MAP sustainability leads, our manufacturing and sourcing teams look for opportunities to reduce waste in the production and packaging of our products. This includes opportunities to use fewer materials and less packaging, use more sustainable materials, including recyclable or recycled materials, and advance sustainable end-of-life options, such as reuse. For example, even though the manufacturing of our Display products produces minimal glass waste, we collect any glass waste generated for remelting so it can be reused in the manufacturing process. If we can't remelt the glass scrap due to quality defects, we partner with external recyclers, where we can, who repurpose it for other uses, such as building materials.

Read more about how our product development teams integrate sustainability in the development of Corning innovations on page 18.

⚠ Needs attention --> On track ☑ Achieved

Goal	2023 Actions
By the end of 2023, Corning will be generating monthly, accurate, and comprehensive landfill waste and diverted waste data for our top 10 waste-generating sites	☑ • Reviewed and categorized landfill waste and diverted waste metrics according to UL ECVP 2799 and focused efforts at our top 10 waste-generating sites • Developed comprehensive material management plans based on 2022 waste metrics at our top 10 waste-generating sites • Trained EHS site leads on UL Standard waste definitions related to waste categories
By the end of 2028, Corning will increase its waste diversion rate to greater than 80% globally	--> • Aligned the waste categories in our global environmental data reporting tool with the UL Standard waste definitions • Properly categorized all waste and recycled input material to ensure accurate diversion rate • Worked to identify recycling opportunities at our largest waste-generating sites

Sustainability in action

Finding new homes for discarded lab products

Until recently, whenever a product from the **Corning Life Sciences North America Distribution Hub** was damaged during shipment or pickup and no longer met our standards for sale, it was **destined for landfill.**

But then, Corning employees had the idea to **donate lightly damaged lab products** that still work to non-profit organizations that needed them.

The first donation – which included over **70 cases** of cell culture consumables valued at

$10,000

went to Wilson Community College in North Carolina.

Embedding circularity in glass products

All Corning Display glass products contain cullet, certified by UL as a form of pre-consumer recycled content. This helped us earn the **2023 Best Circular Economy Partners** award from AUO, a Display customer.

Our Display and Mobile Consumer Electronics MAPs collaborated to create an improved **glass cullet reclaim system,** increasing the amount of cullet that could be reclaimed from our manufacturing processes. The reclaimed glass cullet can be used as a raw material in Corning's melting operations.

Redefining packaging and reuse

Corning's Optical Connectivity Solutions business launched a **Packaging Playbook** that outlines sustainability considerations for material selection, including use of sustainable and recycled content, and the ease of reusability and recyclability.

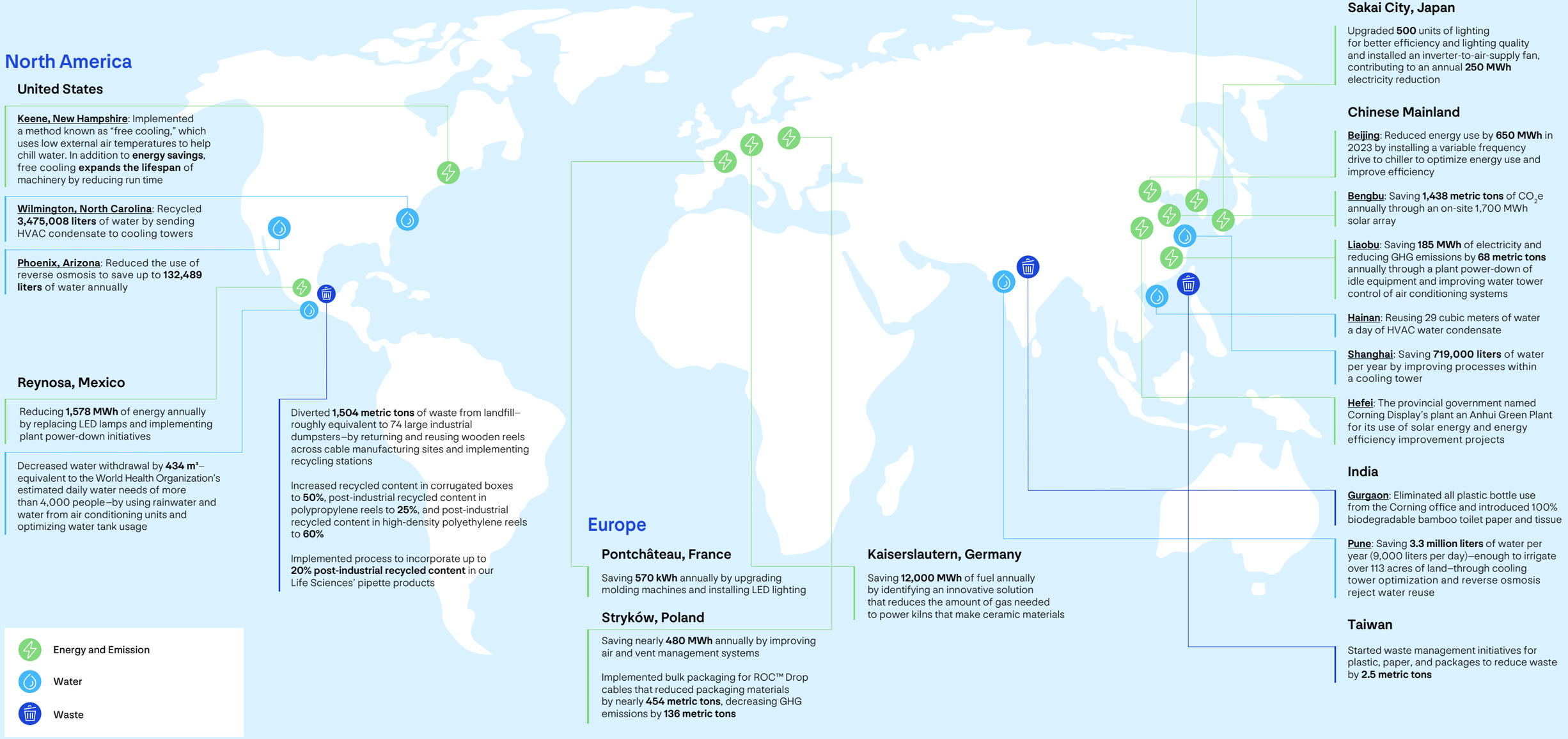
We expanded our Optical Communications reel return program to include **data center customers,** who returned

50% of steel, composite, and blow-molded reels in 2023.

Sustainability in action

Reducing our environmental impact globally

In 2023, Corning sites implemented environmental projects around the world, helping us make progress toward our goals.



North America

United States

Keene, New Hampshire: Implemented a method known as "free cooling," which uses low external air temperatures to help chill water. In addition to **energy savings**, free cooling **expands the lifespan** of machinery by reducing run time

Wilmington, North Carolina: Recycled **3,475,008 liters** of water by sending HVAC condensate to cooling towers

Phoenix, Arizona: Reduced the use of reverse osmosis to save up to **132,489 liters** of water annually

Reynosa, Mexico

Reducing **1,578 MWh** of energy annually by replacing LED lamps and implementing plant power-down initiatives

Decreased water withdrawal by **434 m³**—equivalent to the World Health Organization's estimated daily water needs of more than 4,000 people—by using rainwater and water from air conditioning units and optimizing water tank usage

Diverted **1,504 metric tons** of waste from landfill—roughly equivalent to 74 large industrial dumpsters—by returning and reusing wooden reels across cable manufacturing sites and implementing recycling stations

Increased recycled content in corrugated boxes to **50%**, post-industrial recycled content in polypropylene reels to **25%**, and post-industrial recycled content in high-density polyethylene reels to **60%**

Implemented process to incorporate up to **20% post-industrial recycled content** in our Life Sciences' pipette products

Europe

Pontchâteau, France

Saving **570 kWh** annually by upgrading molding machines and installing LED lighting

Stryków, Poland

Saving nearly **480 MWh** annually by improving air and vent management systems

Implemented bulk packaging for ROC™ Drop cables that reduced packaging materials by nearly **454 metric tons**, decreasing GHG emissions by **136 metric tons**

Kaiserslautern, Germany

Saving **12,000 MWh** of fuel annually by identifying an innovative solution that reduces the amount of gas needed to power kilns that make ceramic materials

Asia

Asan, Korea

Saved **7,300 MWh** in electricity through improved compressor air system and optimized glass finishing process

Sakai City, Japan

Upgraded **500** units of lighting for better efficiency and lighting quality and installed an inverter-to-air-supply fan, contributing to an annual **250 MWh** electricity reduction

Chinese Mainland

Beijing: Reduced energy use by **650 MWh** in 2023 by installing a variable frequency drive to chiller to optimize energy use and improve efficiency

Bengbu: Saving **1,438 metric tons** of CO_2e annually through an on-site 1,700 MWh solar array

Liaobu: Saving **185 MWh** of electricity and reducing GHG emissions by **68 metric tons** annually through a plant power-down of idle equipment and improving water tower control of air conditioning systems

Hainan: Reusing 29 cubic meters of water a day of HVAC water condensate

Shanghai: Saving **719,000 liters** of water per year by improving processes within a cooling tower

Hefei: The provincial government named Corning Display's plant an Anhui Green Plant for its use of solar energy and energy efficiency improvement projects

India

Gurgaon: Eliminated all plastic bottle use from the Corning office and introduced 100% biodegradable bamboo toilet paper and tissue

Pune: Saving **3.3 million liters** of water per year (9,000 liters per day)—enough to irrigate over 113 acres of land—through cooling tower optimization and reverse osmosis reject water reuse

Taiwan

Started waste management initiatives for plastic, paper, and packages to reduce waste by **2.5 metric tons**

Energy and Emission

Water

Waste

05

People and communities

When our people thrive, we thrive. Corning's heart is made up of dedicated employees who care deeply about the communities in which we operate. We invest in our people and communities to help ensure more equitable opportunities for all, and therefore, a more prosperous world.

Our people

- Investing in our workforce
- Respecting and protecting human rights and labor standards
- Supporting employee safety
- Supporting employee health

Our communities

- Investing in community impact

Through our Community Impact programs, we invest in initiatives that help improve physical health.

People and communities 2023 highlights

31,646

logged in **employee volunteer hours**

>97% compliance with Corning safety standard requirements across our operations

Collaborated with SUNY Corning Community College to create the **Mary Eliza Mahoney Nursing Education Scholarship**

$3.5M

provided in charitable giving to **264** organizations

>13,000 employees viewed over 100,000 courses and more than 948,000 videos in our learning portal

Launched initiative with the Self Employed Women's Association to **fight the scourge of rabies in India**

>6,000

employees **participated in ERG chapters** around the world

Expanded **U.S. parental leave policy to provide 12 weeks paid leave** for all parents adding a child to their family

Our people

Our people-first approach empowers Corning to develop innovations that will help our customers meet their most challenging needs.

Investing in our workforce

Approach

We are focused on attracting and empowering an agile and inclusive workforce. Our chief human resources officer sets the direction for Corning's people and culture investments to achieve this vision. We focus on talent attraction and professional development to drive strategic initiatives and support the health and well-being of our employees and their families, and also to build a culture of diversity, equity, and inclusion (DE&I).

Attracting talent

We work to ensure that Corning has the capabilities to achieve our business strategy, now and in the future. We seek to attract top talent by inviting candidates at all stages of their careers, from all backgrounds, to consider meaningful roles at Corning.

Through pre-collegiate partnerships, programs with underserved communities, and recruitment from colleges and universities, we work to attract early-career talent and build a diverse long-term pipeline. We also engage mid-career and strategic talent at all levels. This includes people returning to the workforce after an absence, individuals seeking a career change, or those with various levels of education or specialized skills and experience.

What we do:

- Create pathways to full-time roles at Corning for non-four-year-degreed talent in the United States through our Technician Pipeline Program.
- Work with professional associations such as the Society of Women Engineers and the Society of Hispanic Professional Engineers, as well as with Historically Black Colleges and Universities and veteran-recruiting organizations.
- Review job descriptions to ensure the use of gender-neutral language, and appropriate education and experience requirements.

2023 Results

2,396
new hires

8 years
average time **with the company**

6.6%
voluntary **turnover rate,** including retirements

Corning employees have a long history of supporting the needs of local communities through volunteering.

Diversity, equity, and inclusion

DE&I is foundational to what we do. We believe in investing in the best talent and are committed to creating an environment where all feel like they belong.

Corning's chief DE&I officer leads our Office of Global DE&I and strategy within our Human Resources organization. With a focus on improving diversity in leadership, accessing and deploying increasingly diverse talent pools, and enabling DE&I mindsets, we're working to attract and empower an agile and inclusive workforce.

Learn more in our 2023 DE&I report

Developing talent

It's not enough to attract a skilled workforce. We continue to invest by providing our employees with access to training and development opportunities to deepen their expertise in their current roles and grow their skills for the future.

What we do:

Our I Learn@Corning portal provides all employees with access to customized learning libraries aligned to relevant functions and roles. Among the in-depth, self-paced training and resources available is a Develop Yourself Learning Path. It offers customized career development guides, career conversations guides, LinkedIn learning courses, and curated reading recommendations.

Other ways we help our people grow include:

- Leadership development programs. For those new to managing people, mid-level managers, and senior management across three tracks: leading self, leading others, and leading for results. In addition to virtual and in-person learning, employees have access to coaching, mentoring, and regional and divisional training.
- Monthly learning campaigns on topics such as taking charge of your career.
- Career development programs for a variety of employee populations, including women.
- Tuition assistance program, through which we invested more than $900,000 in 2023, helping employees pursue educational opportunities.

2023 Results

247

employees **promoted into more senior roles**

1,130

employees participated in **leadership development programs**

>13,000

employees viewed over 100,000 courses and more than 948,000 videos on our learning portal

Launched Become a Leader@Corning, a five-week program to help new supervisors build skills in areas such as active listening and creating a collaborative culture

Introduced a continuous feedback tool that enables employees to request 360 feedback from peers, their managers, and their own teams

Caring for the whole person

We work to support the emotional, physical, and mental well-being of our employees – at work and beyond. We continue to evolve our employee wellness offerings and strive to offer compensation and benefits that make Corning an ideal place to build a career.

Our comprehensive, holistic employee benefits program

Total health
Corning programs address a variety of health topics, including nutrition, physical exercise, weight management, smoking cessation, mental health, and work-life balance.

Total wealth
We offer competitive pay opportunities that include innovative and valuable benefits. We promote pay equity globally.

Total self
We support each employee with a combination of work-life balance benefits and career development opportunities.

2023 Actions and results

- Launched an expanded paid parental leave policy in the United States that gives parents access to 12 weeks of paid leave when welcoming a new child to their family.
- In 2021, we achieved 100% pay equity for all salaried employees in our worldwide operations, having achieved it in the United States since 2017. Our U.S. analysis also includes minority groups compared with white salaried employees. We continue to monitor regularly and make adjustments where appropriate to maintain our global gender pay equity.

Learn more about our approach to employee wellness

2023 workplace awards and recognition

Our efforts to attract, develop, and retain a highly diverse workforce are not limited to any one country or part of our business – and neither is the recognition we receive.

Mexico

Named **Top Employer** by INDEX

Chinese Mainland

Named **Top Employer** by Top Employers Institute

Received **Best Company** award in the DE&I Best Practice for Belonging category by sHero

United States

Scored **100%** on the Human Rights Campaign **Corporate Equality Index**

Named one of **America's Best Large Employers** by Forbes

Named a **4 Star Employer by VETS Indexes**

Recognized Partner of **Advancing Minorities' Interest in Engineering**

Scored 100 on the **Disability Equality index™** and named **Best Place to Work for Disability Inclusion** by the American Association of People with Disabilities and Disability: IN

Named **Top 50** **Best-of-the-Best Corporations for Inclusion** by the National Business Inclusion Consortium

Korea

Named **Best Family-friendly Management Company** by the Korean Ministry of Gender Equality and Family

India

Received **Top 5 Companies in DivHersity** award by JobsForHer

Japan

Recognized with **Forbes Japan Women** Award

Taiwan

Received **Gender Equality Leadership Award** from the Taiwan Corporate Sustainability Awards

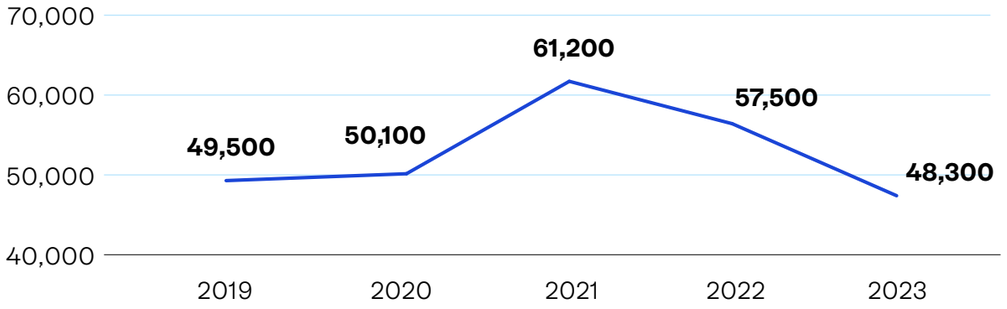
Received **Diversity for Better Tomorrow** awards for:

- **Best DEI Enterprise (Gold)**
- **Best DEI Advocacy and Innovation**
- **Best DEI Digital Application**
- **Best Women's Empowerment Enterprise**

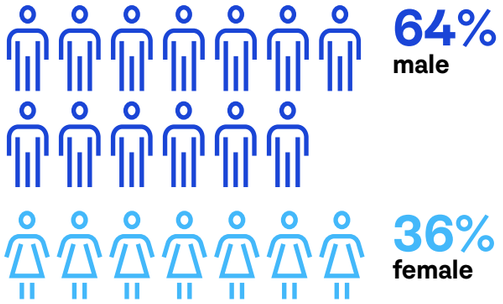
Our workforce by the numbers

Total employee numbers are based on standard headcount reporting, including employees on active and paid leave and full- and part-time employees. Totals are rounded to the nearest hundred. Employee data from our subsidiary Hemlock Semiconductor (HSC) are not included.

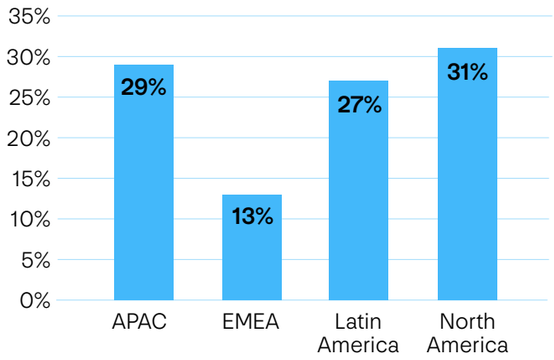
Total Employees



Employees by Gender



Employees by Region



2023 Gender Representation*

	Total	Administrative/ Technical	Management/ Professionals	Production/ Maintenance
Female	36%	37%	30%	40%
Male	64%	63%	70%	60%
Other	0%	0%	0%	0%

*Fewer than 10 employees did not identify gender. Employee data from our subsidiary HSC are not included.

2023 Racial/Ethnic Group Representation (U.S.-based employees only)*

	Total	Administrative/ Technical	Management/ Professionals	Production/ Maintenance
American Indian/AK Native	0.3%	0.4%	0.2%	0.3%
Asian	9.7%	3.4%	14.1%	6.7%
Black or African American	10%	5.6%	5.7%	15.7%
Hispanic or Latino	5%	4.5%	4.9%	5.1%
Native Hawaiian or Other Pacific Island	0.2%	0.1%	0.1%	0.2%
White	73.8%	85%	74.2%	70.7%
Two or more races	1%	1%	0.9%	1.2%
Not disclosed	0.0%	0%	0%	0%

*Data are presented in line with our definitions, which may differ from SASB definitions. Employee data from our subsidiary HSC are not included.

Respecting and protecting human rights and labor standards

Corning believes in the fundamental dignity of the individual.

Approach

Human rights issues and compliance with labor standards are reviewed at the highest level of our organization by the Corporate Responsibility and Sustainability Committee of our Board of Directors. Our Corporate Compliance Council provides additional oversight and periodic reports to the Audit Committee.

We seek to respect and support human rights and labor standards in our operations and supply chain in alignment with standards and expectations set by the UN Global Compact, UN Guiding Principles on Business and Human Rights, and the International Labour Organization. Our Human Rights Policy and Code of Conduct guide our actions, including the protection of human and labor rights in the workplace. These expectations are further supported by our Equal Employment Opportunity Policy. Comparable expectations for suppliers are set out in our Supplier Code of Conduct.

Corning also respects the rights of our employees to peacefully and lawfully form, join, not join, or leave workers' associations of their own choosing. We encourage all employees to communicate openly with management regarding questions, concerns, or suggestions to improve working conditions, without fear of retaliation, harassment, intimidation, or interference. Approximately 60% of Corning employees worldwide are represented by a union, works council, or other employee representative body.

2023 Results

In 2023, we received and investigated 110 cases involving potential violations of Corning's Code of Conduct, 66 of which were related to human rights issues. Of these cases, 39 were dismissed, 27 cases substantiated, including nine still being investigated.

A Corning employee filling an extruder with batch material at an Environmental Technologies lab in Sullivan Park.

Supporting employee safety

We proactively drive a culture of safety where all employees, from workers on the manufacturing floor to senior leaders, share a collective responsibility for regulatory compliance and keeping each other safe.

Approach

Sponsored by Corning's president and chief operating officer, our Global Safety Steering Committee represents all Corning businesses and regions. The committee promotes a culture of safety excellence and reduced workplace hazards, injuries, and illnesses. Safety performance is reviewed at every meeting of the Board of Directors' Corporate Responsibility and Sustainability Committee. We strive to exceed regulatory requirements and extend our safety program beyond our employees to contractors, customers, visitors, and the communities in which we operate.

The backbone of Corning's global safety program is our comprehensive, global set of written standards – each addressing a specific area of safety, including risk assessment, industrial hygiene, respiratory protection, chemical exposure, ergonomics, hearing conservation, and radiation protection. These standards describe regulatory and Corning policy requirements and how to achieve full and sustainable compliance with both.

All Corning employees are included in Corning's safety management system. In addition, every employee completes mandatory safety training, with content and frequency dependent on regulatory and Corning requirements and each employee's role and responsibilities.

Compliance with our safety standards is continually evaluated through annual program self-assessments, biennial third-party program assessments, and quarterly, monthly, and daily self-inspections within each operation. All deficiencies are documented with corrective actions assigned to responsible persons and tracked to timely closure. Overall program effectiveness is assessed annually and opportunities for improvement are documented, assigned, and tracked to closure.

Work-related injury and illness*

	2019	2020	2021	2022	2023
Fatalities	0	0	0	0	0
Lost-time injuries/ illnesses	122	123	150	120	85
Recordable injuries/ illnesses	297	269	319	309	109
Fatality rate	0.00	0.00	0.00	0.00	0.00
Lost-time injuries/ illnesses rate	0.21	0.22	0.24	0.18	0.15
Recordable injuries/ illnesses rate	0.50	0.49	0.50	0.46	0.35

*Includes employees and contingent workers.

2023 Results

>99%

of at-risk condition/behavior objectives implemented across all operations

>97%

compliance with Corning safety standard requirements across our operations

Conducted over 20 third-party safety assessments, identified and fixed more than 1,500 deficiencies, and achieved over 97% compliance with Corning corporate safety standard requirements. The majority of safety findings and corrective actions were in the areas of contractor safety, ergonomics, chemical management, hot work, and industrial hygiene. We will work to address these findings moving forward.

We aim to achieve zero occupational injuries across all operations.

Supporting employee health

Corning Health Services works to save lives when medical emergency response is necessary. We focus on saving lives, protecting Corning people, and promoting well-being.

Corning Health Services has **medical staff at more than 50 locations** globally and administers **over 10,000 health surveillance exams annually.**

Corning has **over 300 automated external defibrillators globally,** with local teams trained to administer first aid and connect with local health service providers.

Corning Health Services emphasizes employee well-being with a corporate **24/7 Health & Safety program,** promoting a holistic approach to employee wellness.

Corning executes **emergency response drills with first responder teams** at each global site to be prepared for medical emergencies.

Corning **adheres to local regulations respecting data privacy** for occupational health records.

More information on employee health can be found here.

Sustainability in action

In 2023, our Mobile Consumer Electronics business piloted Safety Together at our Canton, New York, manufacturing facility. Employees submitted project ideas to improve safety, ergonomics, and work environment. The team selected and completed more than 50 projects, including paving uneven surfaces outside the facility to mitigate the risk of falls or trips and purchasing adjustable-height workstations to reduce the risk of ergonomic injuries.

Quality starts with the dedication of our employees. Here, a specialist in our Advanced Optics group meticulously inspects a boule of glass.

© Christopher Payne / Esto

Employees in Kennebunk, Maine, collect cans and bottles for recycling.
Photo by David Snyder, facilities maintenance

Our communities

We invest in our communities through our daily operations, philanthropic efforts, and employee giving.

Investing in community impact

Through philanthropic contributions, employee giving, and collaboration, Corning strives to foster inclusive, equitable, and vibrant communities.

Approach

In 2023, we combined the Corning Incorporated Foundation, Corning Enterprises, and the Office of Racial Equality and Social Unity into a new consolidated function and center of excellence called Community Impact & Investment.

Corning Foundation | Office of Racial Equality & Social Unity | Corning Enterprises

→ Community Impact & Investment

This centralizes our U.S. philanthropic contributions under a single organization, allowing us to maximize our impact in the areas that align closely with our Values and business objectives. Outside the United States, Corning subsidiaries support their communities through localized philanthropic giving and volunteering.

Our focus areas

- **Education:** Invest in science, technology, engineering, and mathematics (STEM) and science, technology, engineering, arts, and mathematics (STEAM) curricula and workforce development.
- **Programs that address basic human needs** for survival and physical health, with an emphasis on at-risk youth.
- **Culture:** Sustain and foster creativity in the arts, as well as recognize the ideas and experiences that connect people and bring together the community.
- **Volunteerism:** Encourage Corning employees to freely offer their time and resources to the community and commend those who do.

Employees help Corning maintain thriving environments where we live, work, and learn. Here, they fix raised beds in a Corning, New York, garden that serves the community.

Employee giving

Corning employees have a long history of giving back to their communities with time and money. They volunteer as individuals and participate in events organized by the Corning Sustainability Network (see page 15) and ERGs.

Through our U.S. **Matching Gifts** program, we match individual charitable donations up to $7,500 per employee annually. Employees can also nominate non-profit organizations for a $1,000 grant through our **Employee Vibrant Community Grants**. Our Employee **Excellence in Volunteerism Awards** allow employees to honor their colleagues. Recipients choose a non-profit organization to receive a $1,000 grant.

Corning employees from Reynosa, Mexico, give back to causes that mean the most to them and their communities.

2023 giving

Total giving

$3,540,830 in charitable giving to 264 organizations

Matching gifts

$1,304,383 to 875 non-profit organizations

Dollars for Doers

$338,625 in grants to 374 non-profit organizations

Volunteer hours

31,646

Employee pledges across the United States to the United Way

$1.7 million

Supporting education

Through our support of education, we empower diverse thinkers to excel. Here are examples of partnerships from 2023.

United States

We helped the Corning Painted Post School District **provide kindergarten through fourth-grade students access to Kids Read Now**, an in-home summer reading program.

Taiwan

Corning **hosted the Corning Future Innovator program** for the ninth consecutive year. Students had a chance to create solutions to sustainable development in their everyday lives using Corning glass, ceramics, and fiber optics.

In addition, the **Corning Research Center Taiwan and the National Chung Hsing University recognized women studying STEM subjects** with the Outstanding Female Researcher Awards.

Chinese Mainland

Corning **sponsored a primary school in a rural community in Wuhan** near our facility co-located with global display manufacturing leader BOE. Our sponsorship helped renovate the school and provide new laptops for teachers. BOE and Corning also provided interactive classroom monitors to help students access digital content. Read more here.

Additionally, we **partnered with the Chi Heng Foundation to invite 80 junior high school students living with HIV/AIDS from rural areas to Corning facilities in Shanghai and Hefei.** The students learned about glass materials and participated in a do-it-yourself radio project. We also continued to host the **Corning Future Innovator program.** To date, nearly 2,500 students from 115 universities in the Chinese mainland have participated, submitting over 900 proposals and research papers.

United States

Through a three-year, $78,000 grant to the SME Education Foundation, we **helped train more than 31 students and one teacher from Unadilla High School in Berlin, New York,** on advanced manufacturing techniques.

Germany

We **provided a window into advanced manufacturing to girls participating in the Ada Lovelace Project** with a facility tour and discussions with Corning employees.

United States

Our DE&I Education Coordinators **continued to provide teachers in local New York schools with ongoing professional development and consultation**, including through expanded offerings for the Teach for Southern Tier New York (STNY) program.

In 2023, we **welcomed two interns as part of the inaugural Teach for STNY Summer Pathways Program.** They assisted teachers in the Corning-Painted Post and Elmira City school districts by developing lesson plans and teaching classes.

United States

We **funded FIRST Robotics teams**, helping to inspire young people to thrive as science and technology leaders and innovators. Several teams included Corning employee mentors, coaches, and other volunteers.

Read more here.

Volunteers celebrate 30 years of “Choices” for middle school girls

For three decades, Corning has welcomed middle school girls to its facilities in **Corning, New York,** for one day each year to participate in hands-on activities and learn about career opportunities. In 2023, the **Choices program** expanded to the Corning Optical Communications headquarters in **Charlotte, North Carolina,** and to our manufacturing facility in **Reynosa, Mexico.**

Helping when disaster strikes

We supported the International Rescue Committee's relief efforts following the February 2023 earthquakes in Türkiye and Syria with a $25,000 grant. Additionally, local employees at our Optical Fiber and Cable plant in Gebze provided a donation and volunteered as first responders.

Contributing to health and well-being

We work with partners to support the well-being of those in need and strengthen access for the historically underserved to quality health care. Here are key contributions we made in 2023.

- Partnered with Memorial Sloan Kettering Cancer Center to launch the Health Equity Research Fellowship to explore disparities in cancer outcomes. The inaugural fellowship was awarded to Dr. Francisco Sanchez-Vega, Ph.D., to support his research into genomic, clinical, and socioeconomic causes behind the disproportionately negative outcomes of colorectal cancer in Black communities across the United States.
- Teamed up with the Colorectal Cancer Equity Foundation to raise awareness of colorectal cancer in a unique way – through an interactive tool that sparks discussions about the importance of early testing and detection.
- Collaborated with SUNY Corning Community College to create the Mary Eliza Mahoney Nursing Education Scholarship. The two-year scholarship will support students from historically underserved backgrounds in health-related sciences by covering the full cost of attendance at the community college. After graduating, recipients will complete a two- or four-year service commitment in a hospital system or medical provider's office in Chemung or Steuben counties, New York.
- Launched a partnership in India with the Self Employed Women's Association to provide awareness and training to its approximately 2.5 million members on how to prevent rabies. India is estimated to suffer the greatest rabies burden of any country in the world.[11]

Empowering local entrepreneurs

Through our Catalyst Grants program, we assisted 10 small businesses led by women, minorities, and veterans in 2023. Since the program's inception in 2022, three businesses have received startup microenterprise loan funding and four have established business banking relationships with local credit unions.

Hear from Dr. Millicent Ruffin, senior director, Community Impact & Investment, about race-related health inequities in the United States and Corning's actions to address them in the Corning Vital Voices podcast.

11 Elimination of human rabies in Goa, India through an integrated One Health approach | Nature Communications.

Multiplying our impact

We encourage Corning employees to volunteer with local organizations that support causes important to them. The result: activities and organizations as diverse as the communities we serve.

Building homes

Employees from Corning® Gorilla® Glass volunteered with the Chemung County (**New York**) Habitat for Humanity on a special "Women's Build" project, which raised awareness of the need for safe and affordable housing for women and children.

In **Concord, North Carolina,** Optical Fiber plant employees raised more than $60,000 and volunteered over 300 hours with Habitat for Humanity on a house build.

Empowering students

Corning **Vietnam** raised funding for the purchase of **120** tables and chairs for kindergartners in Nghe An province.

Supporting the environment

In **Mexico**, employees cleaned up and improved a public park.

In **India,**

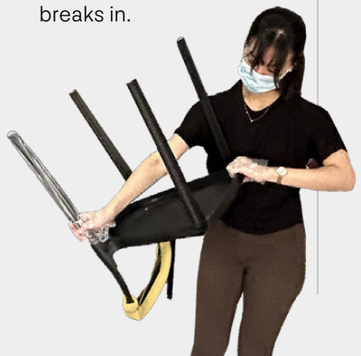
1,300+

trees planted

Employees in **India** planted seeds near the Corning facility from on-site trees. During monsoon season, floodwaters transplant the seeds throughout the community, increasing native plant species. To date, employees have planted more than 1,300 trees, offering new habitats for local bird species and other wildlife.

Helping kids in need

In **Singapore**, Corning employees helped the local Salvation Army's The Haven project remodel a room for kids to study and take breaks in.



Corning Family Support Network's Adoption & Fostering Community of Interest partnered with non-profit Pathways Inc., in **Corning, New York,** to raise awareness about foster care during National Foster Care Month.

Supporting people with disabilities

Corning Display Technologies employees on the **Chinese mainland** sold secondhand items to raise money to purchase daily necessities for people living with disabilities.

Employees in **Korea** spent time with adults living with disabilities during a trip to a local amusement park.

Fighting hunger

In **Taiwan,** employees delivered food packages to the elderly with the Huashan Social Welfare Foundation.

In **New York,**

720

food bags packed

More than 100 Corning employees helped the Food Bank of the Southern Tier (**New York**) pack weekend food bags for families.

$91,000

donated

06

Governance

At Corning, we talk about “the long blue line,” which means that our culture and impact are passed down from generation to generation. What we do at Corning will outlast us all. Our well-laid governance plan helps to ensure the sustainability of our commitments and helps maintain the trust of our stakeholders.

- Ethical business practices and compliance
- Sustainable supply chain
- Product quality and safety
- Data security and data privacy

A Corning technician loads an experimental kiln in a ceramics lab at Sullivan Park.

Governance 2023 highlights

↑97%

of employees understand the Corning Code of Conduct

up one percentage point from 2022

↑90%

state they know how to report allegations of ethical or legal misconduct

up five percentage points from 2022

Certified

70%

of our high-risk suppliers as socially responsible

Updated our mandatory Code of Conduct and compliance training with new interactive courses and key compliance topics, including insider trading, antitrust, anti-corruption, and data privacy

Ethical business practices and compliance

Ethical- and compliance-minded business practices aligned with our Values underpin all we do.

Approach

Acting ethically and with integrity are essential elements in how our employees make decisions, how we develop, deploy, and support our product and service offerings, and how we establish and maintain strong relationships with our stakeholders.

The Audit Committee of our Board of Directors oversees Corning's centralized compliance program to help ensure we operate according to the highest standards of ethical conduct and comply with laws and regulations relevant to our businesses and industries. Corning's Compliance Council provides guidance and oversight to the compliance program.

Our Code of Conduct sets out the legal and ethical standards applicable to all employees worldwide.

- Employees receive annual mandatory training on our Code of Conduct; managers receive additional training on how to receive and handle employee concerns.
- As part of Corning's annual Code of Conduct training, employees must certify their understanding of and compliance with the Code.
- Failure to comply with the Code, Corning policies, or applicable laws can result in disciplinary action up to and including termination of employment.
- Our Compliance function helps ensure all reports of possible violations of our Code are properly investigated and provides reports to the Compliance Council on a regular basis and annually to the Audit Committee.
- Additional specific codes of conduct apply to our directors, executive officers, financial executives, and CEO.

Reporting violations

- Corning's Code of Conduct and Speak Up Policy provide details on how to report allegations of possible ethical or legal misconduct to Corning.
- Corning is committed to ensuring that employees who have brought forward concerns in good faith do not suffer retaliation as a result.

Anti-bribery, anti-corruption, and anti-competitive behavior

We do not tolerate any form of bribery, corruption, or anti-competitive behavior among our employees, customers, or suppliers. Our compliance program helps ensure compliance with anti-corruption laws everywhere we operate. We require all mid-level and above salaried employees to complete mandatory training on anti-corruption when they join Corning and every three years thereafter. We also have strict policies in place to help ensure appropriate giving and receipt of gifts and entertainment, particularly to and from government officials. We conduct due diligence to help ensure our third-party suppliers and distributors have robust controls in place to comply with our expectations (see Sustainable Supply Chain, page 55).

Public policy advocacy and lobbying

Corning is committed to ensuring our public policy engagement meets high ethical standards, is aligned with our corporate interests and Values, and is conducted in full compliance with applicable laws and corporate policies.

Corning's Government Affairs team supports, for example:

- Environmental regulations that promote a comprehensive approach to cleaning the air and protecting the health of our communities.
- Expansion of affordable, high-speed broadband infrastructure that promotes digital equity and access for unserved and underserved areas.
- Solar manufacturing and clean energy policies that benefit the environment and support U.S. manufacturing.

Learn more about our approach and access our disclosures

2023 Actions and Results

- Updated our Code of Conduct and compliance training with new interactive courses and mandatory training on key compliance topics, including insider trading, antitrust, anti-corruption, and data privacy
- Introduced a revised and broadened compliance certification for management employees, covering a range of possible conflicts of interest
- Implemented new global policies related to conflicts of interest, anti-bribery, and speaking up

	2021	2022	2023	Goal
Employees who have responded to our Voice to Action survey indicating that they **understand our Code of Conduct**	95%	96%	97%	100%
Employees who have responded to our Voice to Action survey indicating that they **understand how to report violations**	82%	85%	90%	100%

We received a total of 110 reports alleging possible violations of Corning's Code of Conduct and/or noncompliance with laws or regulations through all our global reporting mechanisms. Of concerns reported, 44 were substantiated, with appropriate corrective actions taken. More Corning Code of Conduct reporting data for 2023 can be found here.

In 2023, Corning revamped its online compliance training curriculum, shifting to an annual cycle of training in which employees are assigned Code of Conduct training as well as training on two other subjects (which will rotate annually). This training was assigned in November, and as of year-end 2023, the following had been completed:

- 13,668 employees completed the new Code of Conduct training course
- 7,185 employees completed the new Insider Trading training course
- 5,996 employees completed the new Anti-Corruption training course

Corning will assign a new cycle of training in November 2024. New employees joining the company are assigned compliance training as part of their onboarding.

In addition, Corning updated its Compliance Certification, expanding the subjects covered and scope of the disclosure. As of year-end 2023, 4,843 employees had completed the certification, which represents 99% of those assigned.

Learn more about our approach to business ethics and compliance

At Corning, we believe what we do will outlast us all, contributing to a healthy and vibrant world for generations to come.
Photo by Chengzhuo Li, melting operator

Sustainable supply chain

We’re committed to a global supply chain that reflects our Values and our commitment to positive social, environmental, and economic impact.

We seek to mitigate risks and strengthen sustainability in our global supply chain in three areas:

Environment: We strive to use sustainable procurement, eco-friendly products, and suppliers that work to minimize their carbon footprints and other environmental impacts.

Social: We are committed to respecting human rights; to responsible sourcing of materials, including from diverse, small, and local suppliers; and to supporting worker health and safety.

Ethical and compliant: We expect our suppliers to conduct business ethically and in compliance with all applicable laws and regulations.

Approach

We rely on 18,000 suppliers across 72 countries. From the sourcing of raw minerals to suppliers' treatment of their employees and efforts to reduce their environmental footprint, the scope of our global supply chain presents an opportunity to drive significant positive change, but also represents risk that is critical to manage.

The Corporate Responsibility and Sustainability Committee of our Board of Directors has ultimate oversight of policies impacting our global supply chain. Our chief supply chain officer is responsible for our global supply chain strategy and compliance with our standards, and regularly updates the committee. We identify and prioritize salient risks throughout our entire supply chain as part of our enterprise risk management process. We hold all Corning suppliers accountable to the standards outlined in our Supplier Code of Conduct and Human Rights Policy. Our Supplier Code of Conduct embraces the International Labour Organization's Declaration on Fundamental Principles and Rights at Work. It also requires that suppliers comply with environmental regulations and work to reduce their negative impacts on the environment. Our standards adhere to the Responsible Business Alliance protocol.

We also expect our suppliers and, in turn, their suppliers to comply with our Responsible Minerals Policy, which strictly prohibits any connection between the materials used in Corning products and armed violence or human rights abuse.

We gather real-time information on relevant supplier activity through our supply chain risk management platform and use our supply chain risk-profile-rating solution to assess supply chain risks related to labor practices, human rights, environmental regulations, and legal practices. As a member of the Responsible Business Alliance (RBA), we also require our suppliers to comply with the RBA process, which includes the Responsible Mining Initiative (RMI) and the Responsible Labor Initiative. This includes an independent third-party audit process of smelters and refiners. We monitor supplier performance via RMI's conflict minerals reporting template. When needed, we request corrective action, which may include removing smelters from our supply chain. We also track events, screen prospective suppliers, and use a supply chain incident management platform to collaborate across Corning to quickly resolve issues related to any area of supplier risk.

Supplier diversity

We are committed to providing access to all suppliers and to promoting diversity in our supply chain. We engage with organizations, including the National LGBT Chamber of Commerce, the National Minority Supplier Development Council, and the Women's Business Enterprise National Council, to expand our network of diverse suppliers.

Learn more about our approach to sustainable supply chain management

Mitigating supply chain risk

Corning takes steps to evaluate, assess, and verify potential risks in our supply chain through our supplier selection, onboarding, and ongoing management processes.

01. Supplier screening

Prospective suppliers are screened to identify potential risks and help ensure alignment with Corning's standards, including those related to sustainability.

02. Selection & onboarding

New suppliers are assessed using onboarding criteria.

03. Performance management & improvement

We use supplier scorecards, assessments, on-site audits, supply chain risk-monitoring solutions, and quarterly business reviews to monitor and improve supplier performance. We audit our high-risk suppliers using independent accredited third-party audit firms or require them to provide approved third-party certification.

04. Corrective actions & constructive engagement

We work with our suppliers to meet expectations and to address audit findings that may require corrective-action plans. This not only benefits our company, but also improves working conditions for the employees of our suppliers, protects the environment, and builds a stronger pool of suppliers for our entire industry.

2023 Actions and Results

- Became a member of the Responsible Business Alliance
- Began the process to harmonize our approach to assessing supplier risks with the RBA process
- Enhanced our third-party due diligence practices based on results of our 2022 third-party risk assessment
- Launched our Scope 3 supplier operations decarbonization program with suppliers. Learn more here (Scope 3 section)

Goal	2021	2022	2023
Certify 100% of our high-risk suppliers as socially responsible by 2025[14]	40%	56%	70%
Critical-to-operations suppliers who completed our Supply Chain Social Responsibility eLearning program for Human Rights and Forced Labour[15]	n/a	400	366

14 Our definition of "high-risk" suppliers includes our Tier 1 suppliers of mined materials as well as their supply networks, which we trace back to the mine.
15 This program is managed, tested, and reported by Elevate.

2023 Results

Supplier assessments and audits	2021	2022	2023
Supplier performance assessments	610	644	556
Suppliers screened using external tool riskmethods	9,297	10,799	11,529
New suppliers screened using external tool riskmethods	1,469	1,502	737
Tier 2 suppliers screened using external tool riskmethods	290	259	372

Source: SASB TC-HW-430a.1 These data are presented in line with our definitions, which may differ slightly from SASB definitions. Data from our subsidiary HSC are not included.

Audit results and corrective action	2021 total	2021 rate	2022 total	2022 rate	2023 total	2023 rate
Priority non-conformances identified	33	1.1	30	0.77	8	.05
Other non-conformances identified	262	8.7	356	9.1	134	8.79
Corrective action agreed/completed for priority non-conformances	33	100% /38%	30	100% /45.5%	8	100%
Corrective action agreed/completed for other non-conformances	262	100% /38%	356	100% /53.8%	134	100%

Source: SASB TC-HW-430a.2, data are presented in line with our definitions, which may differ slightly from SASB definitions. Data from our subsidiary HSC are not included.

Product quality and safety

Corning’s approach to product quality and safety is deeply integrated into our business practices and culture.

While our business units have their own unique approaches to product development, all our products are designed with safety and quality as primary considerations, helping to ensure continual improvement in our processes and products.

Product quality is managed by the Corning Quality Council, which serves to advance quality as a Corporate Value, a technical competency, and a competitive advantage. The council is led by the director of global operations and quality and includes division quality managers, functional quality leads, and members of the Global Manufacturing and Quality team.

Our Performance Excellence Council helps to promote product quality. Its members represent all levels and functions of the organization. The council seeks to advocate for quality by employing solutions, standardizing processes, and training employees. In 2023, over 760 employees participated in our Performance Excellence training program.

When developing new products, we seek to avoid the use of hazardous substances when possible. We regularly review the REACH* candidate list to ensure compliance with the use of hazardous substances, both in our operations and in finished products. When possible, we substitute hazardous materials with safer alternatives.

*Registration, Evaluation, Authorization and Restriction of Chemicals is a European Union regulation.

Corning Ribbon Ceramics are potentially a key component in improving energy storage for solid-state batteries.

Data security and data privacy

We are vigilant in protecting the integrity of our internal systems, products, services, and programs for customers, and the security of our employee, customer, and supplier data.

In 2023, we introduced an Artificial Intelligence and Machine Learning Policy for the company and its employees around the globe. It outlines standards to help employees access and use the technology in a way that is safe and secure, and aligns with Corning's Code of Conduct, Corporate Values, and other policies.

Approach

The Information Technology Committee of our Board of Directors oversees the company's cybersecurity and data protection strategy as well as disaster recovery capabilities and business continuity plans in the event of a cyber-related disruption.

Our chief digital and information officer and chief information security officer oversee cybersecurity at Corning. Our cybersecurity risk management program is integrated into our enterprise risk management program, and they share common methodologies, incident reporting channels, and governance processes. Our information security program is aligned with the National Institute of Standards and Technology Cybersecurity Framework, which we use as a guide to help identify, prioritize, and manage cybersecurity risks relevant to our business.

We host employee awareness events and campaigns on topics such as ransomware, identity theft, and mobile security. We also conduct phishing exercises to help strengthen employee resiliency against cyber threats.

Led by our chief privacy officer, the Corning Data Privacy Office facilitates global protection of personal data through our global policies and our Binding Corporate Rules (BCR).

We audit our legal entities to ensure compliance with our BCRs and require employees who process personal data to complete privacy training. Additionally, we evaluate all Corning suppliers for data privacy risks and ensure they have adequate protections in place to protect our data flows.

2023 Results

There were no known substantiated complaints concerning breaches of customer privacy. This includes complaints from outside parties and regulatory bodies. In addition, we have had no reported leaks, thefts, or losses of customer personal data.

Learn more about our approach to data security and privacy

Information Security

Data Privacy Policy for Suppliers

Privacy Policy

Privacy Notice for Suppliers

Privacy Notice for Customers

Binding Corporate Rules

07

Appendix

- Hemlock Semiconductor
- Stakeholder engagement
- Data tables
- TCFD disclosure
- Climate transition plan
- GRI index
- SASB index
- Forward-looking statement

Employee monitoring powerhouse assets on a rooftop in Corning, New York.

Hemlock Semiconductor

In 2020, Corning Incorporated's stake in Hemlock Semiconductor doubled to 80.5%. Although Hemlock's governance is independent of Corning, its product set is an important part of our overall portfolio and its energy needs are a significant fraction of Corning's global energy use.

For more information, please visit Hemlock Semiconductor, where you can also view its 2022 Sustainability Report.

About Hemlock Semiconductor

Hemlock Semiconductor (HSC) transforms people's lives by energizing and connecting our world through silicon technology. Since 1961, HSC has been a leading global provider of hyper-pure polysilicon and other silicon-based products, and is the only polysilicon manufacturer headquartered in the United States. HSC plays an essential role in the semiconductor and solar industries, with the vision of becoming the preferred supplier of silicon-enabled technologies to the low-carbon, digital world. To achieve its goals, HSC draws on the talents of more than 1,350 employees and contractors.

HSC polysilicon is used to make computer chips – the "brains" behind the electronic devices we rely on to make our lives easier, safer, and more enjoyable. HSC is just one of six major manufacturers in the world that make polysilicon used to create semiconductor wafers. In fact, nearly all electronic devices in the world contain HSC polysilicon.

HSC also is moving the world toward a greener future by supplying the rapidly growing solar power industry. In solar cells, HSC's polysilicon enables high efficiency and clean conversion of solar energy into electricity, created with one of the smallest carbon footprints for solar polysilicon on the planet. The low embodied GHG emissions in HSC polysilicon materials facilitate the production of ultra-low-carbon solar panels. These panels allow solar project developers and owners to lower the embodied carbon of their projects by up to 50%.

HSC is committed to doing good for the local Michigan and global communities, relentlessly improving its operations and continually working with suppliers and customers to remove supply chain carbon emissions. HSC is a member of the Ultra-Low Carbon Solar Alliance, which consists of manufacturers across the solar supply chain and focuses on reducing embodied carbon.

HSC has adopted the following commitments:

- Contribute to Corning's target to reduce absolute Scope 1 and 2 GHG emissions 30% by 2028 from a 2021 base year (note: HSC was incorporated into Corning's operational boundary for CDP reporting in 2021)
- Enhance strategies to drive waste streams to their lowest possible environmental impact
- Continue learning from injuries and property incidents in order to advance Corning safety efforts
- Continue strong corporate citizenship, and community financial support, and encourage increased employee volunteerism
- Develop strategies for creating a more diverse, equitable, and inclusive culture while advancing underrepresented people within the entire organization
- Partner with suppliers to ensure compliance with its Supplier Code of Conduct and reduce GHG emissions

Stakeholder engagement

The following table highlights the multiple interactions we host to inform and advise our sustainability goals and business strategy.

Stakeholder group

	How we engage	Key topics
Our people	• Employee training and development • Corning intranet • Manager-employee performance management process • Employee surveys (Voice to Action) • Code of Conduct training • Manager briefings • Quarterly employee communication meetings • Corning Incorporated Foundation employee programs • Corning Sustainability Network • Employee Resource Groups	• Career planning and development • Compensation, benefits, and related policies • Employee Assistance Program • Mobility across business units and functions • Performance feedback • Wellness support • Training and development • Volunteerism
Our partners (customers and suppliers)	• Joint innovation efforts • Customer ESG surveys and contract provisions • Corning.com • Direct customer engagement • Supplier Code of Conduct • Supplier assessments and audits • Supplier quarterly business reviews • Supply chain-focused organizations	• Product solutions/innovations • ESG performance • ESG reporting • Labor matters • Renewable energy use • Supply chain risk management • Supply-demand balancing • Growth roadmaps and supply chain mapping • Collaboration/partnership possibilities • Validation of social responsibility in supply chain • Supplier diversity • Conflict minerals compliance • Supplier-responsible mining requirements • Human rights and human trafficking/modern slavery in the supply chain

Stakeholder group	How we engage	Key topics
Our investors	• Quarterly earnings reports and calls • News releases and web disclosures • Proactive shareholder outreach • Annual reports and other company filings with the U.S. Securities and Exchange Commission • Annual shareholder meetings • Investor and analyst days • Industry and investor conferences • Corning.com	• Value creation through innovation • Strategic, operational, and financial results and progress • Corporate governance, sustainability, and risk oversight
Our communities	• Activities, giving, and other support (e.g., business plans and strategy) by the Corning Incorporated Foundation and Corning Enterprises • Office of Racial Equality and Social Unity (ORESU) • Local operations	• Health and human services • STEM education and cultural awareness • Child care, housing, and economic development • Social value creation through volunteerism and grants • Workforce development • Diversity, equity, and inclusion • Engagement of Employee Resource Groups
Society	• Our products and innovations • Patents and intellectual property • News releases • Corning.com	• ESG performance • Human rights • Human trafficking and modern slavery
Future stakeholders	• Technology, capital projects, sustainability initiatives	• Positive impact on the world, long-term value to society • Innovation, support of STEM programs and educational institutions

Data tables

Operations

Third-party limited assurance has been provided for our water, energy, and GHG emissions, including Scopes 1, 2, and 3 (categories 1-4 only).

2021 is the base year against which Corning measures SBTi progress. The base year emissions data may change in future reporting to accommodate structural changes that impact the GHG inventory boundary. Includes market-based Scope 2 emissions quantification.

2023 GHG emissions totals are based on available verified data as of December 31, 2023, with estimates for many locations for November and December. Complete, actual verified emissions data for the full calendar year will be published in Corning's 2024 CDP response. Includes market-based Scope 2 emissions quantification.

Energy

Total energy by type	Units	2021	2022	2023
Total energy consumption	**MWh**	**9,301,500**	**10,156,852**	**10,190,097**
Natural gas	MWh	3,688,609	3,483,898	3,324,697
Electricity	MWh	5,537,369	6,470,611	6,585,545
Other, such as diesel, other fossil fuels, purchased chilled water, etc.	MWh	75,522	202,343	279,855
Energy intensity	(KWh/$ net sales, rounded)	**0.66**	**0.72**	**0.81**

Energy consumption by location (TWh)

Year	APAC	EMEA	Latin America	North America	Total
2021	4,125,931	536,069	136,369	4,503,131	9,301,500
2022	4,120,703	523,708	135,800	5,376,640	10,156,852
2023	4,137,534	503,526	117,793	5,431,244	10,190,097

Greenhouse gas emissions

Greenhouse gas emissions	Units	2021	2022	2023
Total GHG emissions	**MT CO_2e**	**3,317,212**	**3,767,761**	**3,821,323**
Scope 1	MT CO_2e	821,477	773,253	737,593
Scope 2 (market-based)	MT CO_2e	2,495,735	2,994,508	3,083,731
Emissions intensity	MT CO_2e/$1,000 net sales	0.24	0.27	0.30

Scope 3 emissions* (MT CO_2e)	2021	2022
Category 1: Purchased goods and services	2,925,196	3,088,657
Category 2: Capital goods	376,977	255,612
Category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)	718,161	803,568
Category 4: Upstream transportation and distribution	558,155	463,357
Category 5: Waste generated in operations	52,851	53,845
Category 6: Business travel	17,152	24,930
Category 7: Employee commuting	111,488	113,551
Category 8: Upstream leased assets	not relevant	not relevant
Category 9: Downstream transportation and distribution	458,419	482,244
Category 10: Processing of sold products	768,770	580,067
Category 11: Use of sold products	112,289	98,828
Category 12: End of life treatment of sold products	14,530	38,065
Category 13: Downstream leased assets	not relevant	not relevant
Category 15: Investments	57,174	87,307
Category 16: Franchises	not relevant	not relevant

*We have updated our Scope 3 GHG emissions totals for 2021 and 2022 to reflect additional data and improvements in our calculation methodology.

Corning has set a goal to reduce our relevant Scope 3 emissions by 17.5% over the next six years (versus a 2021 baseline). In line with the requirements of the Science Based Target Initiative, "relevant" Scope 3 emissions for Corning include Category 1 – Purchased Goods and Services; Category 2 – Capital Goods; Category 3 – Fuel and Energy-Related Activities; and Category 4 – Upstream Distribution and Transportation.

Category 8 and Category 13 are included in Scope 1 and 2.

GHG emissions by location

Scope 1 (MT CO_2e)

Year	APAC	EMEA	Latin America	North America	Total
2021	281,496	73,481	3,818	462,682	821,477
2022	276,488	73,402	3,773	419,590	773,253
2023	284,001	69,897	3,009	380,686	737,593

Scope 2 (MT CO_2e)

Year	APAC	EMEA	Latin America	North America	Total
2021	1,618,514	35,726	46,039	795,456	2,495,735
2022	1,553,739	35,315	45,508	1,359,946	2,994,508
2023	1,533,488	47,187	32,981	1,470,074	3,083,731

Scope 1 + 2 (MT CO_2e)

Year	APAC	EMEA	Latin America	North America	Total
2021	1,900,011	109,207	49,857	1,258,138	3,317,212
2022	1,830,227	108,717	49,281	1,779,536	3,767,761
2023	1,817,489	117,085	35,990	1,850,759	3,821,323

Water

		2023		2022		2021	
Water withdrawal by source	**Units**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**
Total water withdrawal	**m^3**	**20,867,206**	**9,690,369**	**19,738,554**	**9,661,328**	**18,376,384**	**8,963,763**
Surface water	m^3	41,259	10,481	44,860	15,814	45,039	16,673
Groundwater	m^3	4,972,100	174,349	4,547,491	362,390	4,851,117	795,782
Third-party sources	m^3	15,853,847	9,505,539	15,146,203	9,283,124	13,480,228	8,151,308
Water withdrawal intensity	m^3/$1,000 net sales	1.66	n/a	1.41	n/a	1.31	n/a

		2023		2022		2021	
Water discharge	**Units**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**
Total water discharge	m^3	15,979,492	6,564,437	15,240,627	6,793,920	14,753,529	6,398,245

		2023		2022		2021	
Water consumption	**Units**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**	**All locations**	**Locations with water stress**
Total water consumption	m^3	4,887,714	3,125,932	4,497,927	2,867,408	3,622,855	2,565,518

People and communities

Employees

Employee numbers are rounded to the nearest hundred and based on standard headcount reporting, including employees on active and paid leave, full- and part-time employees, and temporary employees such as interns. Hemlock Semiconductor employees are not included in these totals.

Employees by type (rounded)	Female	Male	Other*	Total
Permanent employees	**17,500**	**30,800**	**0**	**48,300**
Salaried	6,200	13,700	0	19,900
Hourly	11,300	17,000	0	28,300
Part-time (estimated)	200	100	0	300
Full-time	17,300	30,600	0	47,900
Temporary (contingent)				2,000
Total Workforce	**18,000**	**31,600**	**700**	**50,300**

*Gender for many of our temporary and contract employees is not tracked.

Employees by type (rounded)	APAC	EMEA	Latin America	North America	Total
Permanent employees	**13,700**	**6,400**	**13,100**	**15,100**	**48,300**
Salaried	6,800	2,400	2,100	8,600	19,900
Hourly	6,900	4,000	11,000	6,500	28,400
Part-time	0	200	100	100	400
Full-time	13,700	6,200	13,100	15,000	48,000
Temporary (contingent)	500	500	0	1,000	2,000
Total Workforce	**14,200**	**6,900**	**13,100**	**16,100**	**50,300**

Employment

New hires & turnover*	Gender			Age			Region				
Permanent employees	**Female**	**Male**	**Other**	**Under 30**	**30-49**	**Over 50**	**APAC**	**EMEA**	**Latin America**	**North America**	**Total**
New hires (#)	763	1,631	2	1,049	1,087	260	513	642	280	961	**2,396**
New hire rates	4%	5%		9.5%	3.6%	2.4%	3.7%	9.5%	1.8%	6.1%	**4.6%**
Total turnover (#)	713	1,725		567	1,165	706	391	288	668	1,091	**2,438**
Turnover rates	11.4%	12.3%		22%	9.3%	13.6%	5.7%	11.9%	29.1%	12.4%	**12%**
Voluntary turnover rate	7.3%	6.3%		11.7%	4.6%	8.9%	3.7%	5.4%	9.9%	8.4%	**6.6%**
Voluntary turnover rates without retirements	5.3%	4.6%		11.7%	4.6%	1.9%	3.4%	4.9%	9.8%	4.6%	**4.8%**
Involuntary turnover rates	3.1%	4.5%		9.2%	3.5%	2.9%	0.2%	1.2%	19%	3.9%	**4.1%**
Average years of service	7.9	8.1		3.2	7.6	13.3	7.4	8.1	6.7	9.7	**8**

*Attrition data include Corning salaried employees only (Administrative/Technical and Management/Professional). Production/Maintenance employees and temporary employees such as interns are excluded from the totals. Hire and termination rates are based on standard Corning metrics, which use average headcounts for the denominator.

Employee demographics/diversity

2023 employee diversity	Administrative/ Technical (A&T)		Management/ Professionals (M&P)		Production/ Maintenance (P&M)		Total	
	#	%	#	%	#	%	#	%
Gender (all employees, nearest hundred)	4,100		15,800		28,400		**48,300**	
Female	1,500	36.6%	4,700	29.7%	11,300	39.8%	17,500	36.2%
Male	2,600	63.4%	11,100	70.3%	17,100	60.2%	30,800	63.8%
Other*	0		0		0		0	
Age (all employees, nearest hundred)	**4,100**		**15,800**		**28,400**		**48,300**	
Under 30	800	19.5%	1,500	10%	6,700	24%	9,000	19%
30-49	2,400	58.5%	10,000	63%	16,300	57%	28,700	59%
Over 50	900	22%	4,300	27%	5,400	19%	10,600	22%
All Ethnic Backgrounds (U.S. employees only)	**1,607**		**6,872**		**6,468**		**14,947**	
American Indian/AK Native	6	0.4%	15	0.2%	21	0.3%	42	0.3%
Asian	55	3.4%	966	14.1%	435	6.7%	1,456	9.7%
Black or African American	90	5.6%	389	5.7%	1,015	15.7%	1,494	10%
Hispanic or Latino	72	4.5%	337	4.9%	332	5.1%	741	5%
Native Hawaiian or Other Pacific Island	2	0.1%	8	0.1%	14	0.2%	24	0.2%
White	1,366	85%	5,096	74.2%	4,573	70.7%	11,035	73.8%
Two or more races	16	1%	59	0.9%	78	1.2%	153	1%
Unallocated			2	0%			2	0%

*Fewer than 10 employees did not identify gender.

Employee training

Employee training	2023
Total training hours	**501,805**
Avg. training hours per employee	12
Total no. of individuals trained	41,725

Health and safety

Workplace safety	2021	2022	2023
Fatalities (#)	0	0	0
Fatality rate	0	0	0
Lost-time injuries/illnesses (#)	150	120	85
Lost-time injuries/illness rate	.24	.18	.15
Recordable injuries/illnesses (#)	319	309	109
Recordable injuries/illness rate	.50	.46	.35

Governance

Supplier assessments

Supplier assessment and audits	2021	2022	2023
Supplier performance assessments	**610**	**644**	**556**
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TCFD disclosure

The following table highlights the multiple interactions we host to inform and advise our sustainability goals and business strategy, in accordance with the Task Force on Climate-related Financial Disclosures (TCFD).

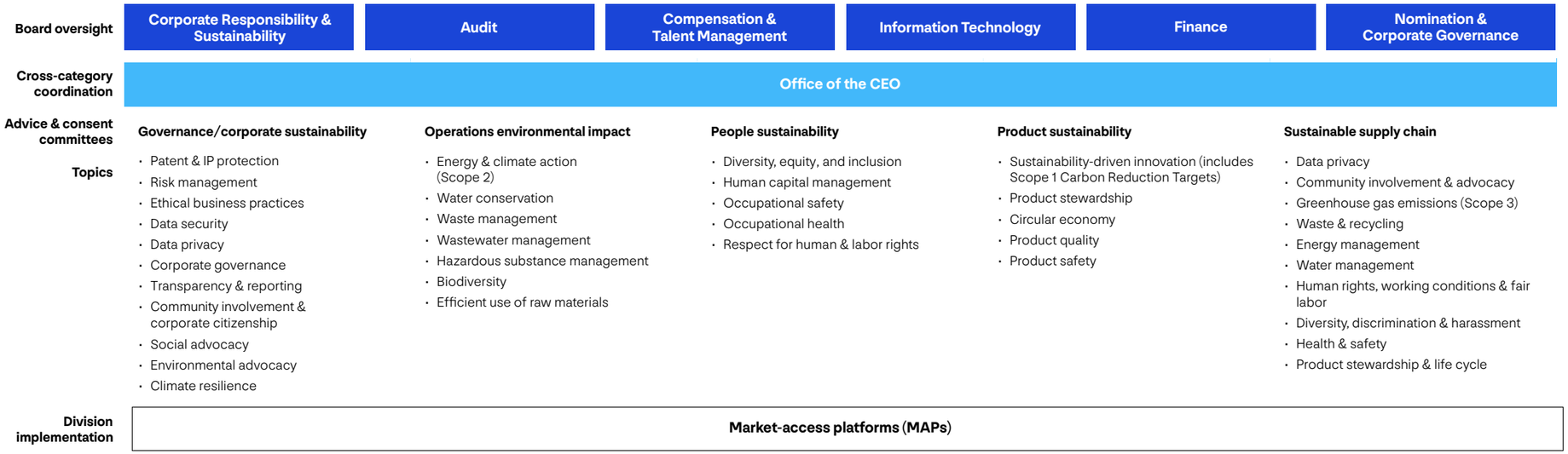
Governance

Disclose the organization's governance around climate-related risk and opportunities.

G1 Describe the Corning Board of Directors, oversight of climate-related risks and opportunities.	**More Information**
During 2023, the Board continued its focus on climate-related topics. Corning's Board of Directors includes a Corporate Responsibility and Sustainability Committee (CRASC), whose responsibilities include assisting the Board in reviewing the company's management strategies, plans, policies, and actions related to our sustainability program, environmental responsibilities, and climate action. This review includes sustainability goals, environmental and social policies and practices, energy, waste, and water management strategies, and climate-related risks and opportunities, among other focus areas. The committee charter for the CRASC can be found on our website. In 2023, management updated the CRASC on Corning's climate-related risks and opportunities: • Corning's vice president, sustainability and climate initiatives, presented updates on sustainability at each CRASC meeting. These updates included information on Corning's governance structure for sustainability, decarbonization initiatives, and existing and emerging regulatory reporting requirements related to sustainability. • Corning's director of global environment and sustainability, who has the responsibility to track and report on greenhouse gas emissions (GHG), energy, water, and waste, presented an overview of strategies and actions to reduce GHG emissions and enhance Corning's sustainable impact. In 2023, the director of global environment and sustainability reported to Corning's senior vice president and chief engineer and was also coordinator for the Operations Environmental Impact advice & consent committee described below in answer G2. In 2024, most of these responsibilities will transition to the organization of Corning vice president, sustainability and climate initiatives. • Corning's vice president, government affairs, reviewed Corning's global government affairs activities with the CRASC, including opportunities and risks of government policies related to decarbonizing the global economy. In February 2024, CRASC reviewed this TCFD disclosure. In addition to the CRASC work described above, the top risks to the corporation, including climate-related risk, are reviewed annually by the director of Enterprise Risk Management (ERM) with the Audit and Finance committees of the Board.	2023 CDP response, 1.1 Corporate Responsibility and Sustainability Committee Charter
G2 Describe management's role in assessing and managing climate-related risks and opportunities.	**More information**
Following its adoption in December 2022, Corning implemented a new sustainability governance structure in 2023. The goals of the new sustainability governance structure are to increase the impact of Corning's sustainability work and, secondarily, optimize Corning's readiness to adapt to evolving sustainability regulation through improved coordination, as well as explicit ownership and goals. Summarized graphically in Figure 1, the new sustainability governance structure facilitates information collection, goal setting, and increased impact of Corning's sustainability-related efforts. Sustainability topics are divided into five categories to enhance oversight focus: • Governance/Corporate Sustainability • Operations Environmental Impact • People Sustainability • Product Sustainability • Sustainable Supply Chain	2023 CDP response, 1.2

TCFD disclosure continued

G2 Describe management's role in assessing and managing climate-related risks and opportunities.	More Information
Reflecting this broad range of topics and operational organization, our Office of the CEO (OCEO)[16] has ultimate management accountability for our sustainability strategy and performance (see chart). Our vice president of sustainability and climate initiatives, reporting to our executive vice president and chief strategy officer, updates the OCEO on sustainability topics on a roughly quarterly basis. To better focus sustainability governance below the OCEO level, we have organized our prioritized sustainability topics into five categories and created Advice & Consent Committees (ACCs) to oversee each category. The ACCs are composed of senior leaders with relevant operational responsibilities, as well as our vice president of sustainability and climate initiatives. The ACCs meet regularly, although the Product Sustainability ACC was still being formed at the end of 2023.	2023 CDP response, 1.2



In particular, the middle layers of the new structure have the following roles/responsibilities:

Cross-Category Coordination layer – OCEO

The OCEO will regularly be updated on and address sustainability topics, in order to:

- Ensure that, taken together, the activities of the five categories meet the needs of our stakeholders (this includes, e.g., sufficient ambition and coverage of targets/goals).
- Identify and address any gaps between the five categories, including assigning any new topics (not currently addressed) to categories, or address individually with management.
- Revise coordination model structure (categories, members of Advice and Consent Committees, etc.) when necessary.
- Ensure consistency of climate-related corporate policies and their application across the entire corporation.

Advice and Consent Committees (ACC) layer

The ACCs will meet regularly to:

- Ensure each topic within the category has an owner (single person for accountability) or decide explicitly to leave topic without ownership. Replace topic owners when necessary.
- Ensure the category has a person assigned to the coordination role. Replace coordinator when necessary.
- Review and consent to strategies and action plans for topics, which may include targets/goals, as appropriate.
- Review and consent to any additional quantitative or qualitative measures of progress for topics, and the category as a whole.
- Ensure sufficiently ambitious progress is made to meet stakeholders' needs, both for individual topics and for the category as a whole.

16 The OCEO is a weekly forum to discuss and review top-tier corporate topics. Composed of seven executive leaders and two chiefs of staff, the OCEO's goal is to ensure alignment based on mutual information.

TCFD disclosure continued

G2 Describe management's role in assessing and managing climate-related risks and opportunities.	More Information
Our MAPs are responsible for implementing Corning's sustainability efforts throughout the businesses. Each MAP has a sustainability leader and, together with representatives from several functions and corporate sustainability (including the vice president of sustainability and climate initiatives), these leaders comprise our Sustainability Center of Excellence (CoE), which meets roughly weekly. The CoE enhances our cross-corporate consistency, prioritizes sustainability efforts, and helps to realize scale benefits of sustainability work across the corporation.	2023 CDP response, 1.2

Strategy

Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning where such information is material.

S1 Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	More Information
In 2021 and 2022, we completed management-level surveys across our five MAPs, our supply chain management, and Science and Technology division to understand which climate-related risks are most relevant to their areas of responsibility. Using the results of this risk assessment, Corning's TCFD Working Team identified nine climate-related risks and four climate-related opportunities. In 2023, we conducted a review of the nine climate-related risks identified in 2022. This review involved representatives of five MAPs, our supply chain management, and Science and Technology. The review was conducted to evaluate how climate-related risks have shifted since the previous year, and determined that there were no significant changes. Below is a table of the risks and opportunities identified during the 2023 analysis.	2023 CDP response, 2.1a, 2.1b, 2.2

Top climate-related risks and opportunities identified, 2023

Transition risk	Political & legal	Carbon pricing and reporting obligations
		Mandates on and regulation of existing products and services
	Market	Risk of changing customer behavior
		Sustainable supply chain
		Substitution of existing products and services with lower-emissions options
	Reputation	Risk of increased stakeholder concern and negative feedback
Physical risk	Acute	Risk of extreme weather events
	Chronic	Risk of change in precipitation patterns and extreme variability in weather patterns
		Rising mean temperatures
Opportunity	Products and services	Opportunity for development of new products and services through R&D and innovation
		Reduction of embodied emissions for existing goods and services
	Energy source	Opportunity for use of lower-emissions sources of energy
		Reduction of energy use or emissions through process redesign

TCFD disclosure continued

S1 Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	More Information
Qualitative discussions held between MAP sustainability leaders and MAP management led to initial conclusions about the potential business impact of specific risks and opportunities identified in each of the two scenarios. In our 2023 "Business as Usual" (BAU) scenario analysis, the three top risks remained unchanged from our assessment in 2022: 1) extreme weather events (medium term), 2) changes in precipitation patterns and extreme variability in weather patterns (medium term), 3) rising mean temperatures (medium term) as the third top risk under BAU. In 2023, the risks under BAU remained consistent and no new risks were added. Under the "1.5-Degree" (1.5D) scenario in 2023, the top three risks identified did not change from 2022. They were: 1) carbon pricing (short and medium term), 2) changing customer behavior (medium term), and 3) sustainable supply chain (medium term). In 2023 we added mandates and regulation related to existing products and services as the fourth top risk. All four of these risks potentially apply to each of our MAPs. Increased cost due to regulatory carbon pricing could affect all MAPs. Customer sustainability requests have increased across our customer set, providing some evidence of increased awareness of sustainability issues, raising the risk of changing customer behavior. Sustainable supply chain issues refer to both limited availability and increased costs. New regulations, such as those in Europe and California, will require additional reporting related to the sustainability of our products, including elements of supply chain sustainability, creating some compliance risk. Corning's top 2022 opportunity under the 1.5D scenario also remained the same in 2023: the potential to create distinctive products that enable our customers to take climate action, for instance through the use of our solar polysilicon or gasoline particulate filters. The identified opportunity matches Corning's innovation strategy, and our growing emphasis on more sustainable product development. In 2024, we are planning to refresh both our sustainability topic identification and prioritization process (sometimes referred to as a "materiality assessment") and our assessment of climate-related risks.	2023 CDP response, 2.1a, 2.1b, 2.2
S2 Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	**More information**
In 2022, Corning completed an in-depth scenario analysis to assess the potential impact of risks and opportunities to our business under "Business as Usual" (BAU) and "1.5-degree" (1.5D) scenarios. Where possible, we translated climate risks and opportunities into potential financial impact using a series of facts and assumptions based on scientific literature, Corning's internal information, and professional judgment. The results of this scenario analysis, including each key risk and opportunity, have been shared with key management personnel to inform future business strategy and financial planning. Renewable electricity provides examples of climate-related risks and opportunities that have recently impacted Corning's business strategy. Customers increasingly engage us to help them reduce their Scope 3 emissions – a change in behavior that represents a risk if not addressed and an opportunity if customers value lowcarbon as a differentiating product characteristic. Because generating electricity for our operations produces a significant portion of our overall emissions, we are pursuing increases in our use of renewable electricity. At the same time, our Hemlock Semiconductor subsidiary has seen increasing demand from the solar supply chain for its polysilicon, creating an upside opportunity for us from increased demand for renewables. Corning's sustainability strategy and publicly communicated goals were developed following a sustainability topic identification and prioritization process (sometimes referred to as a "materiality assessment") conducted in 2020 and refreshed in 2022 to better understand our sustainability business opportunities and risks, the broader context within which our company operates, and the priority sustainability actions that we should take to further refine our strategy. The 2022 assessment identified 38 key sustainability topics further discussed in our Sustainability Report. The results of our scenario analysis helped inform the process. In 2023, we reviewed the risks identified in our scenario analysis with representatives from our MAPs, supply chain management, and Science and Technology, and confirmed there were no significant changes. In 2024, we are planning to refresh our sustainability topic identification and prioritization process, as well as update our assessment of climate-related risks.	2023 CDP response, 3.3, 3.4
S3 Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios in accordance with the Paris Agreement, including a 2°C or lower scenario.	**More information**
In 2023, Corning reviewed its in-depth 2022 climate scenario analysis to assess the resilience of the organization's strategy under two unchanged future-state scenarios: Business as Usual (BAU): We constructed this scenario using transition factors from the Current Policies Scenario from IEA's 2019 World Energy Outlook Report, physical factors from IPCC's draft Sixth Assessment Report (AR6) aligned with RCP 8.5, and socioeconomic factors from Shared Socioeconomic Pathway-5 (SSP-5). 1.5-Degree (1.5D): We constructed this scenario using transition factors from the Sustainable Development Scenario in the IEA's 2019 World Energy Outlook Report, physical factors from IPCC's draft Sixth Assessment Report (AR6) aligned with RCP 1.9, and socioeconomic factors from SSP-1. Corning constructed these two scenarios to reflect the future states if the world continues on its current trajectory (BAU) or if climate action successfully limits global temperature rise to 1.5 degrees Celsius or less (1.5D). Transition, socioeconomic, and physical factors were included to enable Corning to address transition and physical risks and opportunities. This process involved evaluating nine climate-related risks and four climate-related opportunities with our MAP Sustainability leaders and representatives from our Global Supply Management and Science & Technology functions. This exercise concluded that in a scenario where the world continues on the current trajectory (BAU), the greatest risks to Corning's business are related to physical climate events, including chronic changes in precipitation patterns, extreme weather events, and rising mean temperatures. Corning's business is geographically diversified, which can help reduce the potential impact of extreme weather events. Under the 1.5D scenario, our analysis concluded that changing customer behavior and carbon pricing obligations are likely to have the greatest impact to our business. We are actively engaging with customers to understand their sustainability- and climate-related needs and to find ways to support those needs. To reduce potential risk related to carbon pricing, Corning has set a goal to increase the use of renewable energy across our organization, reducing our Scope 2 emissions. Additionally, through our Global Energy Management program, we implement energy efficiency projects to reduce Scope 1 and 2 emissions. We are also redesigning some of our products to reduce their embodied carbon (e.g., through mass reductions or renewable electricity), investigating the use of alternative, low-carbon input materials, and working to use low-carbon fuels to provide the energy needed to produce our products. Corning may invest in additional new technologies to continue to reduce emissions and lower our carbon pricing-related financial burden. See S1 for additional details about which risks were identified as having the highest potential impact under each scenario.	2023 CDP response, 3.2

Risk management

Disclose how the organization identifies, assesses, and manages climate-related risks.

R1 Describe the organization's processes for identifying and assessing climate-related risks.	More Information
Corning's ERM process is central to determining which risks and/or opportunities could have a substantive strategic or financial impact on our business. It includes an analysis of many factors that include probability and impact of risks, velocity of onset, risk response, and effectiveness, as well as other factors. Identified risks, including climate-related risks, are evaluated in a companywide, multidisciplinary effort. Corning's cross-functional and cross-organizational sustainability governance structure implemented a sustainability topic identification and prioritization process in 2020 that was refreshed in 2022, during which carbon emissions and water conservation were identified as important sustainability issues. The resulting identification and prioritization process serves as a basis for the mentioned risk evaluation. More specifically, in 2020, Corning conducted an initial assessment of climate-related risks associated with acute and chronic physical risks, as well as the four transition risks recommended by TCFD. In 2021 and 2022, we completed management -level surveys across our five MAPs, our supply chain management, and Science and Technology to understand which climate-related risks are most relevant to their areas of responsibility. Using the results of this risk assessment, Corning's TCFD Working Team identified nine climate-related risks and four climate-related opportunities. In 2023, we conducted another review of the nine climate-related risks identified in 2022. The review included representatives of five MAPs, our supply chain management, and Science and Technology. It was determined there were no significant changes for 2023 except on additional top risk to 1.5D scenario analysis.	2023 CDP response, 2.1b, 2.2, and 2.2a
R2 Describe the organization's processes for managing climate-related risks.	**More Information**
Following our 2021, 2022, and 2023 assessments of climate-related risks, the top climate-related risks and opportunities were added to Corning's ERM process. In addition, the MAP leaders added five of the climate risks to their businesses' risk registers and assigned themselves, or their businesses' business continuity program manager, as the risk owner (these include the three physical risks as well as two transition risks described in S3 above). At a corporate level, the director of ERM, in close alignment with the corporate sustainability function, oversees the climate-related risks in the ERM process. To effectively allocate responsibility, the process ensures each risk has an owner. The owner manages the specific risk leveraging the company's ERM, sustainability, and project-management resources and experiences. Involvement and alignment with the company's broader risk management resources helps ensure climate-related risks are being appropriately addressed and managed.	
R3 Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	**More Information**
Corning's Board is responsible for oversight of the company's risk management program. The Board exercises this oversight responsibility directly and through its committees, including the Audit Committee and the Corporate Responsibility and Sustainability Committee (CRASC). The CRASC monitors risks relating to environmental and social matters, which include climate-related risks, among others, listed in the CRASC charter. Risks associated with current business status or strategic alternatives are subjected to analysis, discussion, and deliberation by management and the Board. Operationally, management reports periodically to the Board on the company's ERM policies and procedures, and to the Audit, Information Technology, Finance, and CRASC committees on our top risks and compliance policies and practices. Management also provides a comprehensive annual report of top risks to the Board. Corning's ERM program utilizes: 1) a Risk Council, chaired by the executive vice president and chief financial officer and composed of Corning management and staff, to aggregate, prioritize, and assess risks, including strategic, financial, operational, business, reputational, governance, and managerial risks, including those that may arise due to climate change, 2) an internal audit department, and 3) a Compliance Council, which reports directly to the Audit Committee and CRASC and reviews the company's compliance with laws and regulations of the countries in which we conduct business. The Audit Committee is responsible for reviewing the company's ERM program and business continuity risk procedures, as well as disclosures about relevant risks made in our financial reports and filings. Each risk owner reports to management on their specific risk to Corning's ERM stakeholders, starting with the directors of ERM, ERM management, and ultimately to the Board. This reporting process, overseen and channeled by the director, ERM, allows for integration of climate-related risks into the enterprise's broader risk management.	2023 CDP response, 2.1a, 2.2 Corporate Responsibility and Sustainability Committee Charter

Metrics and targets

Disclose the metrics and targets used.

M1 Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	More Information
Corning has tracked and reported its Scope 1 and Scope 2 (location-based) GHG emissions and energy use across all of its facilities since 2010. In our 2022 and 2023 CDP Climate Change reports, we also reported market-based Scope 2 emissions. In our annual sustainability report, we disclose global energy consumption per net sales (2020, 2021, 2022, and 2023 reports), global Scope 1 and Scope 2 emissions per net sales (2020, 2021, 2022, and 2023 reports), and absolute global Scope 1 and Scope 2 emissions (2021, 2022, and 2023 reports). We have included all applicable Scope 3 emissions in our 2022 and 2023 Sustainability Reports. We now also track and report all applicable Scope 3 GHG emissions in our CDP response, along with total Scope 1 and Scope 2 (location- and market-based) emissions. The applicable Scope 3 emissions reported to CDP and included in the 2023 Sustainability Report are those in categories 1 through 7, 9, 10, 11, 12, and 15. These categories are: Purchased Goods and Services, Capital Goods, Fuel- and Energy-Related Activities, Upstream Distribution and Transportation, Waste Generated in Operations, Business Travel, Employee Commuting, Downstream Distribution and Transportation, Processing of Sold Products, Use of Sold Products, End of Life Treatment of Sold Products, and Investments, respectively. We have set GHG targets, as validated by SBTi standards, under which Corning Incorporated commits to reduce absolute Scope 1 and 2 GHG emissions by 30% by 2028 from a 2021 base year. Corning also commits to reduce absolute Scope 3 GHG emissions covering purchased goods and services, capital goods, fuel- and energy-related activities, and upstream transportation and distribution by 17.5% within the same timeframe. Scope 3 emissions targets will be implemented via supply chain engagement, supply chain partnerships, Family Electric Rate Assistance (FERA) reductions, and customer engagement. Corning has selected its Scope 3 target based on impact (e.g., purchased goods and services typically make up 50% or more of Scope 3 emissions) and the ability to engage in meaningful supplier engagement to reduce upstream Scope 3 emissions. Corning has initiated its supplier engagement emissions strategy, which begins with mapping suppliers based on spend, emissions, and maturity. Corning is developing a supplier communications plan to support and encourage emissions reductions, which will build on Corning's existing routine supplier communication. Additionally, Corning will increasingly shift toward lower-emitting fuel/energy sources, which will enable reductions in fuel- and energy-related activities not included within Scope 1 or Scope 2.	2023 CDP response, C6, C7 2023 Sustainability Report, p.25
M2 Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	**More Information**
Our 2019, 2020, and 2021 Scope 1 and 2, and relevant Scope 3 emissions, were calculated in alignment with the Greenhouse Gas Protocol. In 2022 and 2023, Scope 1, Scope 2, and Scope 3 categories 1, 2, 3, 4, and 15 emissions were independently assured pursuant to the ISO 14064-3 standards. Categories 1, 2, 3, 4, and 15 are: Purchased Goods and Services, Capital Goods, Fuel- and Energy-Related Activities, Upstream Distribution and Transportation, and Investments, respectively.	2023 CDP response, C6
M3 Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	**More Information**
Corning commits to reduce absolute Scope 1 and 2 GHG emissions by 30% by 2028 from a 2021 base year. Corning also commits to reduce absolute Scope 3 GHG emissions covering purchased goods and services, capital goods, fuel- and energy-related activities, and upstream transportation and distribution by 17.5% within the same timeframe. These goals were validated by SBTi in September 2023. Additionally, Corning has a goal to increase use of renewable energy by 400% by 2030 from a 2018 baseline. To date, we have invested in virtual power purchase agreements in the United States, purchased environmental attribute certificates in the United States and Europe, signed power purchase agreements for community solar arrays in the United States, and installed on-site solar arrays at facilities worldwide. We are actively evaluating opportunities to invest in additional renewable energy, both on-site and through virtual contracts, in the United States and other countries where viable options currently exist. In our 2022 Sustainability Report, published in March 2023, we announced two new water-related goals: 1) By the end of 2023, assess Corning's exposure to water stress; and 2) By the end of 2024, Corning will be generating monthly, accurate, and comprehensive water-use data for our top 10 water-use facilities. We've developed these goals with the recognition that climate change drives changes in weather patterns that can lead to increased water scarcity and water-related issues. In 2023, we completed our first goal and are well on our way to completing the second in 2024.	2023 CDP response, 4.1a, 4.2a 2023 Sustainability Report, p. 28

Climate change transition plan

Transition plan

Sustainability challenge	Corning believes that reducing its climate change footprint is a core responsibility and an increasing expectation of stakeholders. Corning uses product and process design to reduce GHG emissions from its operations. We also develop material and product innovations to enable our customers and the world to conduct operations with less net GHG pollution.
Our commitment	Reduce our absolute Scope 1 and 2 GHG emissions by 30% by 2028 from a 2021 base year. Reduce our absolute Scope 3 GHG emissions, covering purchased goods and services, capital goods, fuel- and energy-related activities, and upstream transportation and distribution by 17.5% by 2028.
Our approach	• Embed sustainability into product development (Design for Sustainability) • Continualy improve our energy efficiency • Increase our use of renewable energy to eventually eliminate our Scope 2 emissions • Develop melting sources that use no-carbon fuels, over time eliminating the largest single source of Scope 1 emissions • Engage suppliers to encourage reduction of embodied carbon from input materials • Ensure that our global waste-to-landfill diversion rate exceeds 80% on a sustained basis. • Carbon removals and offsets: We are prioritizing product design, efficient production processes, renewable energy, and low-carbon raw materials to reduce our GHG emissions. We do not currently purchase carbon removals or offsets or include such credits in our GHG inventory. In the future, we intend to continue avoiding the use of carbon removals and offsets. However, in cases where we do not believe alternatives are viable, we may consider including high-quality removals or offsets as a part of our GHG inventory. If we use such credits, we will provide information that allows stakeholders to evaluate the credits we use.
Our progress (2023)	• We invested >$10 million on site-level energy reduction-related projects. • The U.S. Environmental Protection Agency named us an ENERGY STAR® Partner of the Year for the 10th year in a row (one of only 10 companies to achieve this distinction) • We signed an agreement to finance a new solar power project in Spain. This project should provide sufficient RECs to address 100% of our European electricity demand (see page 26). • Due to changing market conditions, we made the decision to exit a previously announced solar power project in the United States. • Our overall renewable energy use increased by 30%. • We produced glass melted with 100% hydrogen (GHG-free) fuel. We continue to work on technology to melt our glass using 100% electricity or GHG-free fuel. • Through our Scope 3 supplier engagement program, we engaged suppliers that make up 80% of our GHG emissions and began to quantify and encourage their GHG reduction efforts. • Examples of redesigned products that reduce raw material or energy use or reuse materials can be found throughout our Sustainability Report.
Current challenges	• The increasing price and development times for U.S.-based virtual power purchase agreements has slowed our progress toward using renewable electricity in the United States. • Markets for renewable electricity in Asia have improved, but still suffer from high prices, challenging regulations, and low availability. • There is no universal price or price-setting mechanism for decarbonization. Our value chains do not yet have sufficient economic incentive to justify decarbonization efforts that are costly or require significant capital. • Standards for measuring decarbonization of products vary. Quantifying decarbonization generally requires a comparison, but there is no broadly accepted standard for how the baseline for such comparisons should be determined.
Reference frameworks	Corning strives to align its public disclosures with internationally recognized frameworks and standards, including TCFD, SASB, GRI, GHG protocol, CDP, and SBTi

Corning will reassess and update its sustainability transition plan at least every five years and update its plan as needed when significant developments arise. Corning will publish the progress on key execution milestones annually.

GRI index

This Global Reporting Initiative (GRI) Content Index contains information guided by the recommendations set forth in the GRI Sustainability Reporting Standards. While we have responded in part to a number of items contained in the GRI Standards, we have not responded to all such items, nor have we responded in full to all such specified items. This Index cross-references the select GRI Standards and disclosures listed below to related sections in Corning's 2023 Sustainability Report, as well as other sources of information.

Disclosure	References, comments in italics
2: General disclosures	
2-1 Organizational details	Vital to progress: Our businesses, p.9
2-2 Entities included in the organization's sustainability reporting	Introduction: About this report, p.5
2-3 Reporting period, frequency, and contact point	Introduction: About this report, p.5. *Contact Dennis Weber at* WeberDM2@corning.com
2-4 Restatements of information	Introduction: About this report, p.5. *We have revised certain energy and greenhouse gas data, as described on page 5.*
2-5 External assurance	Introduction: About this report, p.5. *External assurance has not been sought for this report other than where indicated for select metrics.*
2-6 Activities, value chain, and other business relationships	Vital to progress: Our businesses, p.9. *There were no significant changes to Corning's business or supply chain in the reporting period.*
2-7 Employees	Our people, Workplace data, p.40
2-8 Workers who are not employees	Our people, Workplace data, p.40
2-9 Governance structure and composition	Sustainability governance, p.14. *Please refer to our* website.
2-10 Nomination and selection of the highest governance body	Sustainability governance, p.14. *Please refer to our* website.
2-11 Chair of the highest governance body	Sustainability governance, p.14. *Please refer to our* website.
2-12 Role of the highest governance body in overseeing the management of impacts	Sustainability governance, p.14. *Please refer to our* website.
2-13 Delegation of responsibility for managing impacts	Sustainability governance, p.14. *Please refer to our* website.
2-14 Role of the highest governance body in sustainability reporting	Sustainability governance, p.14. *Please refer to our* website.
2-15 Conflicts of interest	Governance: Ethical business practices and compliance, p.53. *Please refer to our* Code of Conduct
2-16 Communication of critical concerns	Governance: Ethical business practices and compliance, p.53. *Please refer to our* Code of Conduct
2-17 Collective knowledge of the highest governance body	Sustainability governance, p.14. *Please refer to our* website.

Disclosure	References, comments in italics
2: General disclosures (continued)	
2-18 Evaluation of the performance of the highest governance body	Sustainability governance, p.14. *Please refer to our website.*
2-19 Remuneration policies	*Please refer to our website.*
2-20 Process to determine remuneration	*Please refer to our website.*
2-21 Annual total compensation ratio	*Please refer to our 2023 Annual Report on Form 10-K*
2-22 Statement on sustainable development strategy	Interview with our vice president of sustainability and climate initiatives, p.7; Our approach to sustainability, p.12
2-23 Policy commitments	Our approach to sustainability, p.12; Governance: Ethical business practices and compliance, p.53. *Please refer to our Code of Conduct and Whistleblower Policy*
2-24 Embedding policy commitments	Our approach to sustainability, p.12;Governance: Ethical business practices and compliance, p.53. *Please refer to our Code of Conduct and Whistleblower Policy*
2-25 Processes to remediate negative impacts	Governance: Ethical business practices and compliance, p.53; Sustainable supply chain, p.55. *Please refer to our Code of Conduct and Whistleblower Policy*
2-26 Mechanisms for seeking advice and raising concerns	Governance: Ethical business practices and compliance, p.53; Sustainable supply chain, p.55. *Please refer to our Code of Conduct and Whistleblower Policy*
2-27 Compliance with laws and regulations	*In 2023, Corning did not receive any significant fines or non-monetary sanctions for noncompliance with environmental laws and/or regulations.* Governance, Ethical business practices and compliance, p.53; Sustainable supply chain, p.55. *Please refer to our Code of Conduct and Whistleblower Policy*
2-28 Membership associations	Governance: Ethical business practices and compliance, p.53; Sustainable supply chain, p.55. *Please refer to our website.*
2-29 Approach to stakeholder engagement	Our approach to sustainability, p.12; Appendix: Stakeholder engagement, p.62
2-30 Collective bargaining agreements	People & communities: Respecting and protecting human rights and labor standards, p.41
3: Material Topics	
3-1 Process to determine material topics	Our approach to sustainability, p.12
3-2 List of material topics	Our approach to sustainability, p.12
201: Economic performance	
3-3 Management of material topics	*Please refer to our 2023 Annual Report on Form 10-K*
201-1 Direct economic value generated and distributed	*Please refer to our 2023 Annual Report on Form 10-K*
201-2 Financial implications and other risks and opportunities due to climate change	Our approach to sustainability, p.12; TCFD Report, p.69. *Please refer to our 2023 Annual Report on Form 10-K*
201-3 Defined benefit plan obligations and other retirement plans	*Please refer to our 2023 Annual Report on Form 10-K*
201-4 Financial assistance received from government	*Please refer to our 2023 Annual Report on Form 10-K*

Disclosure	References, comments in italics
204: Procurement practices	
3-3 Management of material topics	People and communities: Investing in community impact, p.46; Sustainable supply chain, p.55
204-1 Proportion of spending on local suppliers	People and communities: Investing in community impact, p.46; Sustainable supply chain, p.55
205: Anti-corruption	
3-3 Management of material topics	Governance: Ethical business practices and compliance, p.53
205-1 Operations assessed for risks related to corruption	Governance: Ethical business practices and compliance, p.53
205-2 Communication and training about anti-corruption policies and procedures	Governance: Ethical business practices and compliance, p.53
205-3 Confirmed incidents of corruption and actions taken	Governance: Ethical business practices and compliance, p.53
206: Anti-competitive behavior	
3-3 Management of material topics	Governance: Ethical business practices and compliance, p.53
206-1 Legal actions for anti-competitive behavior, antitrust, and monopoly practices	Governance: Ethical business practices and compliance, p.53
301: Materials	
3-3 Management of material topics	Our environmental strategy, p.24; Waste management, p.32
301-1 Materials used by weight or volume	Waste management, p.32; Data tables, p.64
301-2 Recycled input materials used	Waste management, p.32; Data tables, p.64
301-3 Reclaimed products and their packaging materials	Waste management, p.32; Data tables, p.64
302: Energy	
3-3 Management of material topics	Our environmental strategy, p.24; Energy and emissions, p.25
302-1 Energy consumption within the organization	Energy and emissions, p.25; Data tables, p.64
302-2 Energy consumption outside of the organization	Energy and emissions, p.25; Data tables, p.64
302-3 Energy intensity	Energy and emissions, p.25; Data tables, p.64
302-4 Reduction of energy consumption	Energy and emissions, p.25; Data tables, p.64
302-5 Reductions in energy requirements of products and services	*Corning does not currently track reductions in energy requirements of sold products and services.*

Disclosure	References, comments in italics
303: Water and effluents	
3-3 Management of material topics	Our environmental strategy, p.24; Water management, p.31
303-1 Interactions with water as a shared resource	Water management, p.31
303-2 Management of water discharge-related impacts	Water management, p.31
303-3 Water withdrawal	Water management, p.31; Data tables, p.65
303-4 Water discharge	Water management, p.31; Data tables, p.65
303-5 Water consumption	Water management, p.31; Data tables, p.65
304: Biodiversity	
3-3 Management of material topics	Our environmental strategy, p.24
304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	*We are currently assessing our impacts and refining our strategy.*
304-2 Significant impacts of activities, products, and services on biodiversity	
304-3 Habitats protected or restored	
304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	
305: Emissions	
3-3 Management of material topics	Our environmental strategy, p.24; Energy and emissions, p.25
305-1 Direct (Scope 1) GHG emissions	Energy and emissions, p.27; Data tables, p.64
305-2 Energy indirect (Scope 2) GHG emissions	Energy and emissions, p.27; Data tables, p.64
305-3 Other indirect (Scope 3) GHG emissions	Energy and emissions, p.27; Data tables, p.64
305-4 GHG emissions intensity	Energy and emissions, p.27; Data tables, p.64
305-5 Reduction of GHG emissions	Energy and emissions, p.27; Data tables, p.64
305-6 Emissions of ozone-depleting substances (ODS)	Energy and emissions, p.27; Data tables, p.64
305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Energy and emissions, p.27; Data tables, p.64

Disclosure	References, comments in italics
306: Waste	
3-3 Management of material topics	Our environmental strategy, p.24; Waste management, p.32
306-1 Waste generation and significant waste-related impacts	Waste management, p.32
306-2 Management of significant waste-related impacts	Waste management, p.32
306-3 Waste generated	Waste management, p.32
306-4 Waste diverted from disposal	Waste management, p.32
306-5 Waste directed to disposal	Waste management, p.32
308: Supplier environmental assessment	
3-3 Management of material topics	Sustainable supply chain, p.55
308-1 New suppliers that were screened using environmental criteria	Sustainable supply chain, p.55
308-2 Negative environmental impacts in the supply chain and actions taken	Sustainable supply chain, p.55
401: Employment	
3-3 Management of material topics	Our people, p.36
401-1 New employee hires and employee turnover	Our people, p.40; Data tables, p.66
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Our people, p.38
401-3 Parental leave	Our people, p.38
402: Labor/management relations	
3-3 Management of material topics	Respecting and protecting human rights and labor standards, p.41
402-1 Minimum notice periods regarding operational changes	Respecting and protecting human rights and labor standards, p.41

Disclosure	References, comments in italics
403: Occupational health and safety	
3-3 Management of material topics	Supporting employee safety, p.42
403-1 Occupational health and safety management system	Supporting employee safety, p.42
403-2 Hazard identification, risk assessment, and incident investigation	Supporting employee safety, p.42
403-3 Occupational health services	Supporting employee safety, p.42
403-4 Worker participation, consultation, and communication on occupational health and safety	Supporting employee safety, p.42
403-5 Worker training on occupational health and safety	Supporting employee safety, p.42; Data tables, p.67
403-6 Promotion of worker health	Supporting employee safety, pp.42-43
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Supporting employee safety, p.42
403-8 Workers covered by an occupational health and safety management system	Supporting employee safety, p.42
403-9 Work-related injuries	Supporting employee safety, p.42; Data tables, p.67
403-10 Work-related ill health	Supporting employee safety, p.42; Data tables, p.67
404: Training and education	
3-3 Management of material topics	Investing in our workforce, pp.36-40
404-1 Average hours of training per year per employee	Investing in our workforce, p.38; Data tables, p.67
404-2 Programs for upgrading employee skills and transition assistance programs	Investing in our workforce, p.38
404-3 Percentage of employees receiving regular performance and career development reviews	Investing in our workforce, p.38
405: Diversity and equal opportunity	
3-3 Management of material topics	Our people, pp.36-40. *Please see the* 2023 Corning DEI Report
405-1 Diversity of governance bodies and employees	Our approach to sustainability, p.12. *Please see our* 2023 Annual Report on Form 10-K
405-2 Ratio of basic salary and remuneration of women to men	People and communities, pp.37-39

Disclosure	References, comments in italics
406: Non-discrimination	
3-3 Management of material topics	Ethical business practices and compliance, p.53; Respecting and protecting human rights and labor standards, p.41. *Please see our* Code of Conduct
406-1 Incidents of discrimination and corrective actions taken	Data tables, p.68. *Please see our* Code of Conduct
407: Freedom of association and collective bargaining	
3-3 Management of material topics	Ethical business practices and compliance, p.53; Respecting and protecting human rights and labor standards, p.41; Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
408: Child labor	
3-3 Management of material topics	Ethical business practices and compliance, p.53; Respecting and protecting human rights and labor standards, p.41; Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
408-1 Operations and suppliers at significant risk for incidents of child labor	Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
409: Forced or compulsory labor	
3-3 Management of material topics	Ethical business practices and compliance, p.53; Respecting and protecting human rights and labor standards, p.41; Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Sustainable supply chain, p.55. *Please see our* Code of Conduct; Human Rights Policy
410: Security practices	
3-3 Management of material topics	Data security and data privacy, p.59
410-1 Security personnel trained in human rights policies or procedures	*Corning does not currently track this data for these employee types.*
413: Local communities	
3-3 Management of material topics	Our communities, pp.44-50
413-1 Operations with local community engagement, impact assessments, and development programs	Investing in community impact, p.45
413-2 Operations with significant actual and potential negative impacts on local communities	Investing in community impact, p.45

Disclosure	References, comments in italics
414: Supplier social assessment	
3-3 Management of material topics	Sustainable supply chain, p.55
414-1 New suppliers that were screened using social criteria	Sustainable supply chain, p.55
414-2 Negative social impacts in the supply chain and actions taken	Sustainable supply chain, p.55
415: Public policy	
3-3 Management of material topics	Ethical business practices and compliance, p.53. *Please refer to our website.*
415-1 Political contributions	Ethical business practices and compliance, p.53. *Please refer to our website.*
416: Customer health and safety	
3-3 Management of material topics	Product quality and safety, p.58
416-1 Assessment of the health and safety impacts of product and service categories	Product quality and safety, p.58
416-2 Incidents of noncompliance concerning the health and safety impacts of products and services	Product quality and safety, p.58. *In 2023, Corning did not receive any significant fines or non-monetary sanctions for noncompliance with environmental laws and/or regulations.*
418: Customer privacy	
3-3 Management of material topics	Data security and data privacy, p.59
418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Data security and data privacy, p.59

SASB index

The Sustainability Accounting Standards Board (SASB) has developed a set of investor-focused sustainability accounting standards. In the table below, we reference SASB's disclosures for the Technology & Communications Sector – Hardware Industry. We do not fully report on all SASB disclosures at this time and are working to improve our reporting in the future.

Topic	Accounting metric	Code	2023 reporting
Product Security	Description of approach to identifying and addressing data security risks in products	TC-HW-230a.1	*Data security and data privacy, p.59*
Employee Diversity & Inclusion	Percentage of gender and racial/ethnic group representation for (1) management, (2) technical staff, and (3) all other employees	TC-HW-330a.1	*Please refer to our People section on page 40 of this report. Further information can be found in our DE&I Report* <link>.
Product Lifecycle Management	Percentage of products by revenue that contain IEC 62474 declarable substances	TC-HW-410a.1	*This disclosure is omitted because it is not applicable to the vast majority of our products.*
	Percentage of eligible products, by revenue, meeting the requirements for EPEAT registration or equivalent	TC-HW-410a.2	*This disclosure is omitted because it is not applicable to the vast majority of our products.*
	Percentage of eligible products, by revenue, meeting ENERGY STAR® criteria	TC-HW-410a.3	*This disclosure is omitted because it is not applicable to the vast majority of our products.*
	Weight of end-of-life products and e-waste recovered, percentage recycled	TC-HW-410a.4	*This information is currently not available and therefore omitted. We are working to report these data in the future.*
Supply Chain Management	Percentage of Tier 1 supplier facilities audited in the RBA Validated Audit Process (VAP) or equivalent, by (a) all facilities and (b) high-risk facilities	TC-HW-430a.1	*Please refer to our Sustainable supply chain section – supplier assessments and audits on page 57 of this report. Further information can be found in our* Human Rights Policy and Statement on Human Trafficking and Slavery.
	Tier 1 suppliers' (1) non- conformance rate with the RBA Validated Audit Process (VAP) or equivalent, and (2) associated corrective action rate for (a) priority nonconformances and (b) other nonconformances	TC-HW-430a.2	*Please refer to our Sustainable supply chain section – supplier assessments and audits on page 57 of this report. Further information can be found in our* Human Rights Policy and Statement on Human Trafficking and Slavery.
Materials Sourcing	Description of the management of risks associated with the use of critical materials	TC-HW-440a.1	*Our approach is described in the Sustainable supply chain section on pages 55-57. Additional information can be found in our* Responsible Minerals Policy.

Topic	Accounting metric	Code	2023 reporting
Activity Metrics	Number of units produced by category	TC-HW-000.A	*We currently do not disclose this information.*
	Area of manufacturing facilities	TC-HW-000.B	*Our manufacturing, sales and administrative, research and development, and warehouse facilities have an aggregate floor space of approximately 64.4 million square feet. Please refer to our* 2023 Annual Report on Form 10-K *for more information.*
	Percentage of production from owned facilities	TC-HW-000.C	*We currently do not disclose this information.*

Forward-looking statements

The report does not cover all information about our business. References in this report to information should not be construed as a characterization regarding the materiality of such information to our financial results or for purposes of the U.S. securities laws. While certain matters discussed in this report may be significant, any significance should not be read as necessarily rising to the level of materiality used for the purposes of complying with the U.S. federal securities laws and regulations. The information covered by the report contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding our environmental goals, commitments, and strategies and related business and stakeholder impacts. Forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will or may occur in the future and are outside of Corning's control. Actual results or outcomes may differ from those expressed in such statements, depending on a variety of factors including those set out in the "Risk factors" section of our most recent annual and quarterly reports. No material in this report forms or shall form any part of any document filed by Corning Incorporated with the U.S. Securities and Exchange Commission. No part of this report or https://www.corning.com/worldwide/en/sustainability.html constitutes, or shall be taken to constitute, an invitation or inducement to invest in Corning Incorporated or any other entity and must not be relied upon in any way in connection with any investment decisions. Corning Incorporated is the parent company of its subsidiary group. Unless otherwise stated or the context otherwise requires, the term "Corning" and terms such as "we," "us," and "our" are used in this report for convenience to refer to one or more of the members of the Corning group instead of identifying a particular entity or entities.

CORNING

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