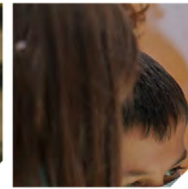




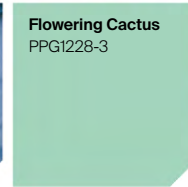
Shimmering Sea
PPG1152-7



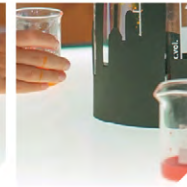
Coral Flower
21YR 57/250



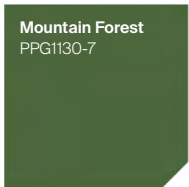
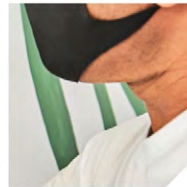
Willow Tree
PPG1112-6



Flowering Cactus
PPG1228-3



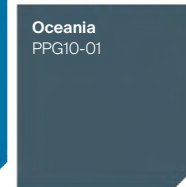
Golden Hour
PPG1214-6



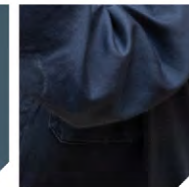
Mountain Forest
PPG1130-7



2021 ESG Report Executive Summary



Oceania
PPG10-01



Introduction

To our valued stakeholders,

While 2021 presented many challenges, including the ongoing COVID-19 pandemic, global supply disruptions, raw material scarcity, labor shortages and unprecedented cost inflation, one thing remained certain:

PPG's steadfast commitment to our sustainability journey, guided by our purpose: We Protect and Beautify the World®.

From furthering equity in communities where we live and work, to operating safe, healthy facilities, to developing paints, coatings and specialty materials that help to extend the life of our customers' most valued assets, our commitment to sustainability shone bright last year.

Our more than 50,000 global employees made it happen and helped to deliver against our progress, which is outlined in this executive summary and in our full 2021 ESG Report.

As part of our efforts to help protect the planet from warming more than 1.5 degrees Celsius, we are proud to have committed to the Science Based Target initiative (SBTi) and plan to announce new, aggressive sustainability targets that will define PPG's decarbonization strategy going forward.

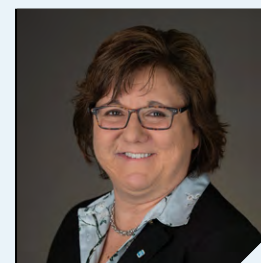
As a trusted partner to our customers, we will also continue to innovate and operate in ways that further our customers' sustainability goals, contribute to the circular economy and continue to reduce our overall environmental impact.

I encourage you to learn more about PPG's progress in our 2021 ESG Report, and I look forward to continuing on this journey. Thank you for your collaboration, partnership and continued interest in PPG.



Michael H. McGarry
Chairman and Chief Executive Officer

Last year, we identified new partners to further our use of renewable energy, launched products that provide an added layer of protection against the virus that causes COVID-19, found new ways to contribute to the circular economy, and continued on our journey to further the diversity, equity and inclusion of our workforce and our communities. We will continue focusing on the roadmap to accomplish our near-term 2025 goals, and we plan to establish more ambitious carbon emissions reduction goals for 2030 to do our part in protecting the planet from warming. We look forward to continuing to share our progress.



Diane Kappas
Vice President, Global Sustainability

2021 At a Glance

Recognition

As a leader in ESG, we've earned several recognitions and awards, reinforcing and encouraging our efforts. Learn more in our report.

- **#3** on the 2021 FORTUNE® World's Most Admired Companies list in our industry
- Corporate Knights [CLEAN200™ List](#): Top paints, coatings and specialty materials manufacturer.

MSCI
ESG RATINGS

CCC B BB BBB A AA AAA



Product Innovation

38% of sales from sustainably advantaged products

3 innovations earned prestigious R&D100 Awards in 2021, bringing our total to more than 30

100% of raw materials reviewed through our global hazard evaluation (GHE) prior to use in manufacturing

Environmental

24% of electricity usage from renewable sources against our target of 25% by 2025

16% reduction in greenhouse gas emissions from 2017 baseline

40% of R&D and manufacturing and facilities with zero process waste to landfill, above target of 35% by 2025

30% reduction in spills and releases compared to 2017 baseline

12% reduction in water withdrawn in 2021 compared to 2017 baseline

Social

Our People

85% participation rate on our Gallup Employee Voice survey, our highest yet

24,500+ digital learning and leadership development courses available to PPG employees

90%+ of locations with 50 or more employees have an active wellness program

Our Communities

\$13.3MM in giving by PPG and the PPG Foundation

\$20MM+ committed by 2025 to advance racial equity in the U.S.

11,750+ employee volunteer hours

7.4MM people impacted through COLORFUL COMMUNITIES® since its launch in 2015

Governance

36% of our Board members are diverse (by gender or racial background)

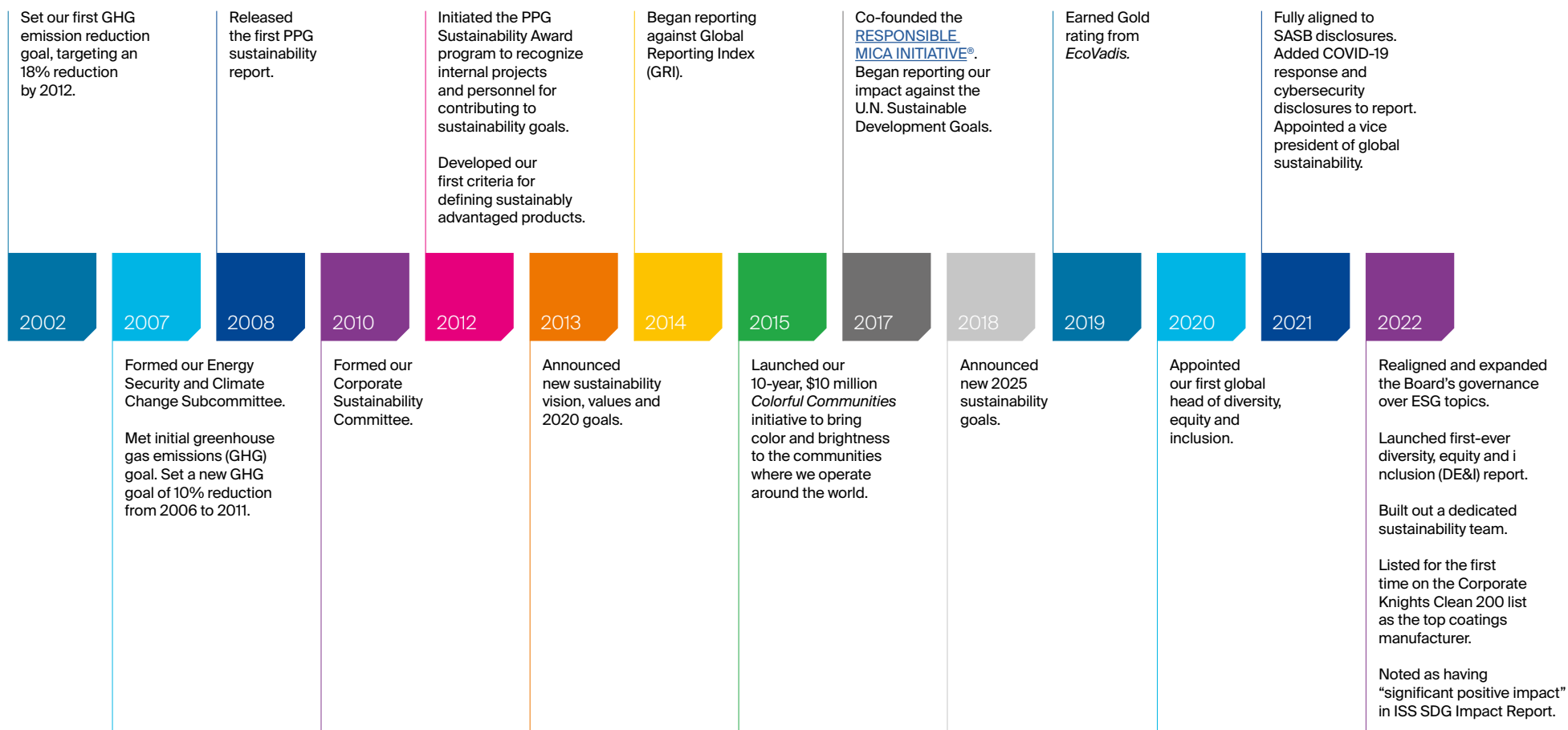
10 of 11 Board members are independent

67% of invited suppliers have already responded to and been rated by ECOVADIS™

Sustainability @ PPG

A Snapshot of our Sustainability Journey

This timeline is a snapshot of our sustainability and ESG accomplishments throughout the years.



Sustainability Vision, Values and Approach

Our sustainability vision, values and approach ladder up to our greater purpose: We Protect and Beautify the World.

Vision

To fulfill our purpose to Protect and Beautify the World, we are committed to delivering lasting value for all stakeholders. As One PPG, we operate with integrity, work safely, protect the environment for current and future generations, create a diverse, equitable and inclusive workplace, and engage and support the communities where we operate.



Values

- Operate safe, healthful workplaces, promote teamwork and reward performance by trusting our people every day in every way
- Cultivate a sense of belonging for all of our employees and harness the power of diversity to ignite innovation and performance
- Conduct business and operations in an ethical and compliant manner
- Minimize the impact of our operations on the environment
- Deliver innovative products and solutions, and partner with our customers to create mutual value that enables them to maximize the performance of their assets and preserve and protect the environment
- Partner with suppliers and customers to create value
- Deliver positive change in the communities where we operate and conduct business

Approach

Our approach to sustainability continues to be influenced by and calibrated against ongoing feedback from customers, investors, regulators and other stakeholders. We have a formal structure to ensure continuous improvement in both the sustainability of our global operations and the products we manufacture around the world. Our newly formed Sustainability organization is responsible for developing and driving our sustainability goals as well as policies, programs and procedures to address sustainability throughout our business practices.

Ultimately, our Board of Directors has oversight of all sustainability efforts. The Sustainability and Innovation Committee, formerly the Technology and Environment Committee, of our Board has oversight of tracking sustainability progress and defining climate-related risks and opportunities.

More information is available in our full [2021 ESG Report](#).

Our Goals and Progress

Our sustainability goals focus on our key challenges and guide our actions towards continual improvement.

Watch our [2025 Goals video](#).

Goals

2021 Progress

40% of sales from sustainably advantaged products by 2025

38%

25% reduction in total waste disposal intensity by 2025 from a 2017 baseline

37.5% reduction from baseline

Achieve zero landfill status from process waste at 35% of PPG manufacturing and research and development locations by 2025

40% of locations achieved zero landfill status

Reduce energy consumption intensity by 15% by 2025 from a 2017 baseline

0.5% reduction from baseline

Increase renewable energy to 25% of total electricity usage exclusive of greenhouse gas (GHG) reductions by 2025

24%

Reduce GHG emissions intensity by 15% measured in total tons discharged by 2025 from a 2017 baseline

9.7% reduction from baseline

On our path to eliminating spills, ensure that we achieve at least a 65% improvement in our spills and releases rate by 2025 from a 2017 baseline

30% improvement from baseline

SDGs Impacted



Our Goals and Progress

Continued

Our sustainability goals focus on our key challenges and guide our actions towards continual improvement.

Watch our [2025 Goals video](#).

Goals

2021 Progress

20% reduction in water intensity by 2025 from a 2017 baseline

5% reduction from baseline

Zero injuries. On our path to zero injuries, ensure that we achieve an improvement of at least 5% per year in our injury and illness (I&I) rate

Achieved an annual I&I reduction rate of 4.3% compared to the 2017 baseline

Active wellness programs at 100% of PPG facilities globally by 2025

Approximately 90% of our locations with 50 or more employees had a wellness program in 2021

Implement the community engagement framework globally by 2025

80% of our facilities met the framework requirements in 2021

Invest at least \$10 million by 2025 through the PPG Colorful Communities initiative

\$8.7 million invested through 2021

Invest \$20 million by 2025 to advance racial equity in the U.S. by funding educational pathways for Black communities and people of color

\$7.4 million invested through 2021

SDGs Impacted



Product Innovation

We make coatings that are transforming everything—from the places in which we work to the vehicles we drive.

PPG's purpose to Protect and Beautify the World drives our approach to developing sustainable solutions and offering unique technologies to customers in many markets and geographic locations. We manufacture paints, coatings and specialty materials that extend the useful life of products and help our customers reduce energy usage and emissions, protect all people that use or apply our products, and minimize waste and water consumption. We have set an ambitious goal for ourselves: we want 40% of our sales to come from sustainably advantaged products and processes by 2025.

2021 Highlights

38%

of our products are sustainably advantaged, with a goal of 40% by 2025

100%

of raw materials reviewed through our global hazard evaluation (GHE) prior to use in manufacturing



In 2021, we continued to improve our stewardship processes to identify and reconsider the use of certain substances in our products. We introduced new sustainably advantaged products in 2021 that will help our customers meet their sustainability goals, and our new product methodology will provide substantiation for consumers to make buying decisions based on sustainable attributes. To ensure we continue to build our pipeline of innovation, we also expanded our partnerships with government and academic institutions.

Supporting the SDGs

Our efforts to improve the safety and sustainability of our products support our ability to contribute to several UN Sustainable Development Goals (SDGs). We have also begun to assess the value contribution of PPG solutions toward the SDGs.



Learn more

[Product Overview](#)
[Sustainably Advantaged Products](#)
[Partnerships](#)
[Product Stewardship](#)

Spotlight on Product Innovation

PPG has been an industry leader for nearly 140 years, providing its customers with inventive and trusted paints, coatings and specialty materials. We continue to be a pioneer in developing industry-leading technologies that solve the needs of our customers' biggest challenges. In 2021, we:

- Continued to expand our efforts to incorporate safety and sustainability into product development, bringing a more holistic and systematic approach to processes we've built over the last several years;
- Created several new positions within our dedicated sustainability organization, led by our vice president of global sustainability; and
- Introduced a new two-step methodology to identify sustainably advantaged products, to support our ability to validate sustainable attributes likely to impact PPG products today and in the future, and to assess the contribution of PPG solutions toward the UN Sustainable Development Goals.

PPG ERGOLUXE® Eco coatings give new life to recycled plastic while protecting and beautifying office furniture

ErgoLuxe Eco powder coatings provide a protective and luxurious finish for office furniture. They offer a unique formulation containing up to 14% post-industrial recycled plastic (rPET). Customers have relied on our sustainable rPET technology for years, with more than 6 million pounds used since its introduction in 2017. Environmental benefits of our *ErgoLuxe* Eco powder coatings include lower VOC emissions compared to traditional liquid coatings, higher first-pass transfer efficiency rates up to 85% and overspray reclaim and reuse.



COMEX® paint made from recycled materials has saved 270,000+ tires from landfills

PPG's *Comex* business is contributing to the circular economy through its new TOP recycled tire paint for DIY and professional painters. Intended for rooftop application, the product provides thermal insulation and waterproofing, resulting in emissions reduction through energy savings.



Environmental

We are committed to using resources efficiently and driving sustainability throughout our entire value chain.



2021 Highlights

Minimizing the footprint of our operations is an ongoing focus, and our locations are guided by our 2025 sustainability goals. In 2021, we furthered our commitment to progress through several actions;

- Appointed a vice president of global sustainability and developed a dedicated sustainability team;
- Defined oversight for all major elements of our ESG efforts under a respective Board committee;
- Redefined and renamed our Board Technology and Environment Committee to the Sustainability and Innovation Committee, with a critical focus on tracking our sustainability progress and evaluating climate risks and opportunities;
- Integrated the Task Force on Climate-Related Financial Disclosures (TCFD) Framework into our strategic planning processes to better understand our risks and opportunities; and
- Established groundwork to define and quantify our Scope 3 emissions to establish science-based targets, aligned with the Paris Agreement.

We have also continued to innovate to develop sustainably advantaged products that are helping our customers reduce their environmental impacts.

SDGs supported

Together, our environmental stewardship strategy and efforts across our organization reduce our footprint and help contribute to several United Nations Sustainable Development Goals (SDGs).



Learn more

[Energy](#)
[Emissions](#)
[Waste](#)
[Water](#)
[Climate-Related Risks](#)

Energy

We are creating a culture of energy innovation and conservation.

In 2021, we continued to find new opportunities to expand our use of renewable energy and install new energy-saving technologies, such as launching a partnership with Constellation, a leading energy solutions provider. We began conducting full-scale energy audits at our highest-consumption facilities with the U.S. market and implemented energy-efficient LED lighting at several facilities, with an additional dozen facilities currently under analysis of further efficiencies. We also implemented new energy management requirements, based on ISO 50001 and Energy Star, at select priority sites for evaluation and feedback.

24%

of electricity usage from renewable sources versus our goal of 25% exclusive of greenhouse gas (GHG) reductions by 2025



Switching to solar in Carrollton

In 2021, our Architectural Coatings plant in Carrollton, Texas, entered an agreement with Constellation, a leading competitive energy and energy solutions provider, to power the facility through 100% renewable solar power. The switch is expected to avoid more than 3,200 metric tons of carbon emissions annually, the equivalent of taking more than 700 cars off the road, according to U.S. EPA estimates.

Emissions

Climate change is one of the greatest challenges of our time, and we are committed to doing our part to help protect the planet. In 2021, we expanded efforts to reduce our emissions, including through improved operating practices, product reformulations and, where necessary, emissions control equipment. In 2018, we set a goal to reduce emissions intensity (Scopes 1 and 2) by 15% by 2025 from a 2017 baseline. And we continue to raise our ambition. We have committed to the Science-Based Target initiative and are working to define and quantify our Scope 3 emissions. When this work is complete, we will define new science-based targets aligned to the Paris Agreement.

9.7%

reduction in GHG emission intensity (Scopes 1 and 2) versus the 2017 baseline

Evaluating climate risks and opportunities

We performed scenario analyses in 2021 to evaluate broad physical and transitional risks and opportunities to our business associated with climate change and have incorporated those evaluations into the business risk and planning process. We maintain systematic business continuity planning and crisis management processes to address climate risks. The program reflects guidance from the Task Force on Climate-Related Financial Disclosures (TCFD). We will expand our analysis of potential risks and opportunities to include a quantitative evaluation of our global enterprise.



Waste and Spills

We are committed to reducing, reusing and recycling materials to minimize waste, as well as preventing spills and releases.

Although we've reached many of our waste disposal and waste-to-landfill goals early, we continue our efforts to minimize waste and promote circularity across our value chain. A few examples from 2021 include:

- Working with regional waste coordinators to develop and implement location-specific waste minimization plans for their top waste-producing sites and sharing best practices;
- Updating packaging from virgin to post-consumer recycled (PCR) plastic; and
- Collaborating with paint recycling and reuse programs globally, including the PAINTCARE™ initiative in the U.S., which allows consumers to recycle leftover or unwanted paint; PRODUCTCARE™ program in Canada, which provides recycling locations; and as a founding member of the PAINTBACK® program in Australia, which seeks to find new uses for unwanted paint.

We also continue to support strong management practices across our facilities to prevent spills and releases. Our 2021 rate of releases per 1,000 employees was 30.4% lower than the 2017 baseline and we remain committed to our goal of reducing spills 60% against the baseline by 2025.

40%

of manufacturing and R&D facilities with zero process waste to landfill, above target of 35% by 2025

Upgrading packaging to post-consumer recycled plastic for a better environment

Our Søborg, Denmark, Architectural Coatings plant recently updated all product packaging from virgin plastic to post-consumer recycled plastic (PCR). Changing to 90% PCR plastic not only helped lower our carbon footprint but also resulted in lower packaging costs and production time due to greater efficiencies in packaging sizes. In total, the project is anticipated to save more than 308 metric tons of carbon annually once fully completed in mid-2022.

Water

It is our responsibility to optimize water use through conservation and reuse.

Our water management approach is based on a global mapping process that enables us to identify relative water withdrawal and discharge risks in our portfolio. At many PPG sites, much of the water consumed is for equipment cleaning. In 2021, we continued to improve our processes to require less cleaning and water use while maintaining high-quality production standards. We also evaluated new opportunities to reuse wash water in our processes and products. For example, we scaled our efforts in support of our Zero Discharge Project, an effort within our Architectural Coatings business to reduce wastewater discharge from its most water-intensive facilities. As part of this project, wash water is recycled, reducing waste while lowering the cost of paint production by requiring less virgin raw material and reducing treatment and disposal costs.



Social: Our People

We are an employer of choice that cares for our employees and seeks to strengthen our communities.

2021 Highlights

- Forbes 2021 Best Employers for Women
- Forbes 2021 America's Best Employers
- Perfect score on Human Rights Campaign Foundation Corporate Equality Index for LGBTQ+ workplace equality



Giving back to our communities

\$13.3MM

in giving by
PPG and the
PPG Foundation

11,750+

employee
volunteer
hours

How we do it

Throughout 2021, we continued to address and navigate ongoing challenges while progressing along our continued journey to enhance and evolve our culture. For example, we:

- Implemented improvements to how we hire, onboard and retain our talented employees;
- Launched a new hybrid work model created through robust employee input;
- Filled leadership positions focused on talent strategy, leadership development, and diversity, equity & inclusion;
- Led initiatives to further our culture through The PPG Way, driving significant gains in employee engagement;
- Expanded virtual learning opportunities across the organization; and
- Integrated five acquisitions, bringing new perspectives, talent and opportunities to the organization.

We also expanded our efforts to strengthen our communities. PPG and the PPG Foundation collaborate with our global colleagues, community partners and other stakeholders to help our communities thrive, from grant programs, to volunteering, to our ongoing efforts through the *Colorful Communities* program.

SDGs supported

Together, our people and community-focused efforts across our organization strengthen our workforce, create new opportunities and help contribute to several SDGs.



Learn more

[Diversity, Equity and Inclusion](#)
[Engagement](#)
[Learning and Leadership Development](#)
[Safety and Health](#)
[Wellness](#)
[Community Engagement](#)
[Community Engagement Framework](#)

Learn more in the [Diversity, Equity and Inclusion report](#) and on our [Communities](#) page.



Diversity, Equity and Inclusion

One of PPG's greatest strengths is the diversity of our people.

We have made significant progress in further cultivating a sense of belonging for all of our employees and harnessing the power of diversity to ignite innovation and action. While we recognize that there's much work to be done, we continued to make progress in 2021. We have developed a DE&I vision statement, structure, commitments, strategy and scorecard to drive change and measure our performance. Each is inclusive across our colleagues, customers, suppliers and communities. We now have more than 20 DE&I ambassadors composed of senior leaders across all businesses and functions who will help us cascade our strategy throughout the company. We also believe that what gets measured gets done, which is why we have published extensive DEI data, including our EEO-1 data in the U.S.

Launching our inaugural DEI Report

A full discussion of our DE&I strategy, process and data is available in our inaugural [PPG DE&I Report](#), which we published in March 2022.



Learning and Development

We invest in learning and development initiatives to ensure our employees are properly trained, productive and engaged at every stage of their careers.

Throughout 2021, we:

- Continued to expand virtual learning opportunities across the organization, including a range of virtual facilitator-led workshops and external learning platforms;
- Optimized Evolve, our Learning Management System (LMS) available through Workday;
- Offered more than 4,150 facilitator-led learning opportunities to employees in multiple languages globally;
- Launched 25,000 digital courses on various topics, ranging from technical training to leadership skills;
- Introduced our first virtual facilitator-driven Frontline Leadership Program: Essentials of Leadership (EOL), which focuses on ensuring global alignment and consistency in developing managers and supervisors; and
- Hosted more than 4,600 people managers and employees at facilitator-led, interactive workshops on unconscious bias.

Expanding external global learning platforms

In 2021, employees took advantage of access to global learning platforms to focus on personal and professional development, such as leadership skills through LinkedIn Learning and language skills through Rosetta Stone. Looking ahead to 2022, we will begin to explore creator platforms, which are e-learning platforms where industry experts can upload content for a global audience.



Health and Safety

The most important PPG value is the safety and health of all employees. We seek to ensure that our employees and contractors return home safely each and every day.

In 2021, we implemented new training to make sure that our managers and operations leaders are continually educated on process safety. We spearheaded several new initiatives to standardize expectations for handling five-gallon pails, launched regional pilots for measuring progress of our EHS culture and established a partnership with a third-party vendor to provide standardized EHS training content to implement globally. We also developed a new data visualization tool to more easily report and garner insights from EHS metrics that will help us implement ongoing process improvements.

As a result of our efforts, we had no fatalities in 2021. In addition, by the end of 2021, we realized an annual injury and illness reduction rate of 4.3% compared to the 2017 baseline.

Recognizing safety across our facilities

PPG facilities in Cleveland and Barberton, Ohio, recently received multiple Awards for Excellence from the Ohio Chemistry Technology Council (OCTC) for initiatives to eliminate spills and protect employee health. For example, the Barberton plant was honored for its “Walk the Line” program, requiring team members to inspect every valve and connection before performing several procedures. The Cleveland facility also received four OCTC Awards for Excellence.



Wellness

Our vision is to create a global culture of health.

The cornerstones of our culture of wellness are: empowering our locations to determine the best wellness initiatives based on employee needs, sharing their successes globally and recognizing their achievements. Our goal is to have active wellness programs at 100% of our facilities globally by 2025. By the end of 2021, 90% of our facilities with more than 50 employees had programs in place.

A critical component of wellness is mental health. To meet the evolving needs of our employees, we developed and offered new mental health initiatives, including enhancing our Employee Assistance Program (EAP) resources globally, increasing visibility of EAP resources and providing wellbeing materials to support employees and their families.



Offering a holistic approach to health and wellness in Brazil

Our Brazil facility recently launched the “+ Health and Wellness” initiative for employees and their families to access holistic care for physical and mental health. As part of the initiative, employees can schedule no- or low-cost virtual appointments with a family doctor who provides support for their physical, mental and social wellbeing. They can also access resources for mental and emotional health, including through chat.

Our Communities

PPG and the PPG Foundation collaborate with our global colleagues, community partners and other stakeholders to help our communities thrive.

We were recognized for our work in 2021, including:

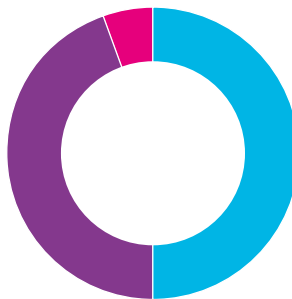
- American Red Cross ‘[Distinguished Leadership Award](#)’ for our contributions and leadership during some of the nation’s largest disasters;
- A PPG employee was recognized at the Union Rescue Mission’s (URM) [Angels of Hope Gala](#); and
- The [Corporate Leadership Award](#) from our partners at the Carnegie Science Center, which recognizes accomplishments that have led to significant economic or societal benefits for the Western Pennsylvania region.

Visit the [Communities](#) section of the PPG website for more information about how we are creating vibrant communities around the world.

2021 Highlights



2021 Giving by Priority Area



Education	\$6.6MM+
Community Sustainability	\$5.9MM+
Employee Engagement	\$700K+



Creating Opportunities: Building the next generation of scientists and leaders

In 2021, PPG and the PPG Foundation announced a commitment to invest \$20 million by 2025 to advance racial equity in the U.S. by funding educational pathways for Black communities and people of color. The commitment strengthens our focus on education and furthers our support of science, technology, engineering and math (STEM) education.



Throughout 2021, PPG and the PPG Foundation collaborated with our Employee Resource Networks to identify and support programs that encouraged STEM exploration in talented young students from historically excluded groups, removed limits to hands-on science learning, and targeted historically excluded populations with a focus on inclusion and peer mentoring to help students thrive during their post-secondary studies.

A few examples of our global support for STEM in 2021 across our programs include:

- [Data Work's Data Jam](#), an organization in Pittsburgh which helps students see the connections between STEM ideas and real-life innovations and careers;
- Junior Uni, a nationwide teaching and research organization in Germany that offers young people access to scientific exploration through hands-on exercises in chemistry, physics, computer programming and more;
- Junior Achievement initiatives in Brazil, such as a personal finance program for high school students and an entrepreneurship program about globalization and STEM career possibilities;
- The [National Museum of Science and Technology Leonardo da Vinci](#) in Milan, Italy, where we helped fund the design and renovation of the lab as well as its equipment and content development. [Watch the video here](#); and
- In China, the [PPG University Talent Power Program](#) and the Career Intelligence Class, which provide financial assistance to help students complete their education and explore scientific research.

Engaging Employees: Taking an active role in building better communities

From sharing science know-how, to hosting career panels, to painting classrooms, our employees play an active role in building better communities. To support these efforts, PPG and the PPG Foundation offer ideas, opportunities and financial support to bolster employee community service. Each region offers tailored opportunities for employees to volunteer with our nonprofit partners and to amplify the reach and impact of our PPG Foundation grants and global giving.

A few examples from 2021 include:

- **Making a difference on #GivingTuesday:** Employees across 20 countries took part in interactive and creative activities that supported multiple nonprofit organizations in their local communities.
- **Feeding the mind:** PPG employees and the [Center of Science and Industry](#) in Delaware, Ohio, teamed up for a day of STEM community outreach to educate, demonstrate and distribute 500 “lunchboxes” equipped with five science activities.
- **Igniting colorful careers:** In Spain, female PPG volunteers joined [STEM Talent Girl](#), a program led by the ASTI Talent And Technology Foundation, to inspire, encourage and empower girls and young women to pursue careers in STEM.

Colorful Communities: Powering change with transformative color

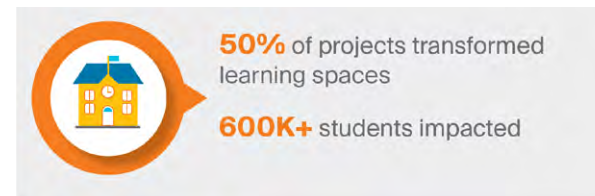
Across the world, the *Colorful Communities* program unites the power of innovative PPG paint products and our employee volunteers to brighten neighborhoods and make a positive impact. In 2021, the program sought to beautify classrooms and provide effective learning environments and educational experiences for students despite the increasing educational impacts due to the lingering pandemic.



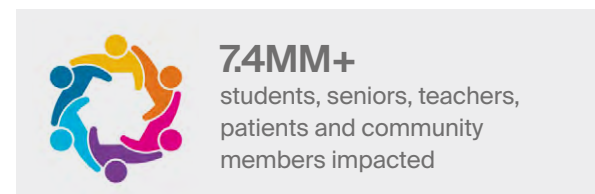
A few efforts from 2021 include:

- **Welcoming students with color:** In [Tianjin, China](#), PPG volunteers united to transform the weathered TEDA preschool into a creative and thriving facility in time for students to return following their summer break.
- **Surrounded with color:** PPG volunteers in Cairo, Egypt, created vivid murals and applied calming, comforting colors to the walls of FACE for Children in Need - Maadi Center. FACE assists and protects orphans, homeless children and their families through multiple programs designed to protect, care for and educate vulnerable children in Egypt. **Watch the video [here](#).**
- **Colorful creations:** In Santa Ana, California, the Orange County Educational Arts Academy, a public, independent charter school serving more than 600 students with Spanish Dual Language immersion, received a colorful makeover of the school's playground, including 10,000 feet of immersive, one-of-a-kind artwork to create a unique educational experience outside of the classroom.
- **Creating hope:** PPG volunteers in Las Piedras, Uruguay, added cheerful yellows and teals to the exterior of La Huella, a home for children experiencing homelessness. Volunteers also refreshed social and common areas inside of the home, providing a welcoming, comfortable environment.

In 2021



Since 2015



Governance

We maintain an unwavering commitment to strong corporate governance, ethics and compliance.

2021 Highlights



36%

of our Board members are diverse (by gender or racial background)

Our approach to governance

At PPG, we hold ourselves to a high standard of integrity and professional conduct. This means not only ensuring compliance with the law, rules and regulations but also upholding our values, code of business ethics and voluntary commitments. Highlights of our governance approach include:

- **Board accountability for ESG.** In 2021, Corporate Governance Guidelines and the charters of each committee were revised to more clearly specify ESG programs, responsibilities and practices.
- **Executive-level oversight and incentives.** In 2021, we appointed a vice president of global sustainability. In addition, executive officers have ESG goals included in the individual performance component of their annual incentive plan. They also have specific DE&I and sustainability and governance goals aligned with company strategies and targets.
- **Established robust risk management practices.** Our Enterprise Risk Committee (ERC) was formed in 2021 and focuses on bringing a holistic approach to managing top-tier ESG risks across PPG.
- **Individual accountability** supported by robust policies and a speak-up culture. We outline our expectations in our [Global Code of Ethics](#).
- **Risk-driven supplier management**, including in the areas of conflict minerals and human rights.

Recognition

The Pro-Ethics seal from the Brazil Federal Ministry of Transparency and the Comptroller General of the Union recognizes companies that demonstrate lawful business practices and operate with the highest level of fairness, transparency and integrity. For the second year in a row, PPG earned this designation and is the only coatings company in Brazil to have this distinction in 2021.

Learn more

[Human Rights](#)
[Conflict Minerals](#)
[Cybersecurity](#)
[Supplier Sustainability](#)

Supplier Sustainability

In addition to prioritizing sustainability within our company, we also work to ensure our suppliers worldwide are equally committed to sustainability as a core value.

10,000+

suppliers have formally acknowledged our governing policies

67%

of invited suppliers have already responded to and been rated by *EcoVadis*

99%

of our major mica pigment suppliers covered by the *Responsible Mica Initiative*, with plan to continue closing the gap

Our commitment to sustainability across our supply chain

In 2021, we spent over \$10 billion with more than 30,000 suppliers globally for raw materials, indirect products and services, and the transport of goods. We expect these suppliers and their subcontractors to fully comply with all applicable laws and adhere to internationally recognized ESG standards. Our Global Code of Ethics, Supplier Sustainability Policy and Global Supplier Code of Conduct clearly state our expectations for every supplier.

We continue to find new ways to drive impact through our supply chain. For example, in 2021, we:

- Expanded our use of *EcoVadis*, a third-party rating organization that assesses responsible practices of more than 60,000 companies worldwide;
- Continued to monitor the performance of our suppliers using a variety of tools, including more than 130 on-site or remote audits;
- Engaged with suppliers to investigate and work together to provide more environmentally conscious products, recycle packaging used to ship materials to our facilities and offer more fuel-efficient transportation services; and
- Sought new opportunities to expand our spending with diverse suppliers.

Learn more about our supplier efforts

[Supplier Sustainability](#)
[Conflict Minerals Report](#)

Watch now: [Our EcoVadis Supplier Program](#)



Transparency

Data at a Glance

Financial					
	2017	2018	2019	2020	2021
Net sales from continuing operations (millions)	\$14,748	\$15,374	\$15,146	\$13,834	\$16,802
Net income from continuing operations (millions)	\$1,369	\$1,323	\$1,243	\$1,056	\$1,420
Adjusted earnings per diluted share from continuing operations ¹	\$5.86	\$5.92	\$6.22	\$6.12	\$6.77
Dividends per share	\$1.70	\$1.86	\$1.98	\$2.10	\$2.26

Social					
	2017	2018	2019	2020	2021
Total employees	47,200	47,300	47,600	46,900	49,300
Fatalities	0	1	0	0	0
PPG injury and illness rate	0.31	0.27	0.32	0.26	0.26
Sites implementing a wellness program (percent of sites with 50 or more employees)	70	58	70	70	90
Charitable contributions (millions)	\$10.50	\$9.10	\$11.80	\$13.00	\$13.30
Sites implementing the PPG Community Engagement Framework (percent)	75	70	65	80	80
Employee volunteer hours ²	17,000	24,802	36,000	3,587	11,750

¹ Beginning in 2021, the Company reports adjusted earnings per diluted share excluding amortization expense relating to intangible assets from completed acquisitions. Adjusted earnings per diluted share for 2020 has been recast to exclude acquisition-related amortization expense. For detailed information regarding these adjustments, see the Regulation G Reconciliation in Item 7 of our 2021 Form 10-K.

² Volunteer hours for 2016 through 2018 are for our *Colorful Communities* program only. Data for 2019 and 2020 are for the *Colorful Communities* program and Charity Partner program in Europe, Middle East and Africa.

Environmental ³					
	2017	2018	2019	2020	2021
Percent of sales from sustainably advantaged products	32	32	33	35	38
Total waste disposed (thousand metric tons)	147.10	140.98	106.97	85.77	84.97
Waste disposal intensity (metric tons per 100 metric tons of production)	3.52	3.34	2.69	2.33	2.20
Hazardous waste generated (thousand metric tons)	114.06	112.49	105.86	88.21	89.31
Recycled or recovered hazardous waste (percent)	49	48	46	49	54
Non-hazardous waste generated (thousand metric tons)	115.78	107.89	73.96	62.38	67.94
Recycled or recovered non-hazardous waste (percent)	22	23	33	34	36
Water withdrawn (million cubic meters)	19.30	18.34	17.94	14.50	16.92
Net water consumption (million cubic meters)	11.10	9.65	9.99	7.13	8.48
Water intensity (cubic meters per metric ton of production)	4.62	4.35	4.50	3.94	4.37
Energy consumption (million gigajoules)	13.48	13.66	12.90	10.57	12.35
Total energy intensity (gigajoules per metric ton of production)	3.21	3.23	3.23	2.87	3.20
Direct energy intensity (gigajoules per metric ton of production)	1.89	1.93	1.90	1.66	1.94
Indirect energy intensity (gigajoules per metric ton of production)	1.32	1.30	1.33	1.21	1.27
Total greenhouse gas emissions (million metric tons of carbon dioxide equivalents)	1.00	0.99	0.92	0.77	0.84
Total greenhouse gas emissions intensity (metric tons of emissions per metric ton of production)	0.24	0.23	0.23	0.21	0.22
Direct (Scope 1) greenhouse gas emissions intensity (metric tons of emissions per metric ton of production)	0.09	0.10	0.10	0.08	0.10
Indirect (Scope 2) greenhouse gas emissions intensity (metric tons of emissions per metric ton of production)	0.15	0.14	0.13	0.12	0.12
Spills and releases rate (total spills and releases per 1,000 employees)	1.84	1.32	1.25	1.24	1.28

³ Environmental data changes from prior reporting reflect adjustments for acquired and divested locations from the 2017 baseline onward. Energy data also include adjustments for closed locations.

We encourage you to provide feedback on this report and our sustainability performance via [email](#), a short [online survey](#) or a letter sent to PPG at One PPG Place, Pittsburgh, PA 15272.



Please consider the environment before printing this report.



We protect and beautify the world®