



# 2030 SUSTAINABILITY ASPIRATIONS: BEYOND TODAY, SHAPING TOMORROW.

We expect the world of 2030 to look very different from today's. As Owens Corning looks ahead, we seek to create a future made better by our people and our products. We have set ambitious long-term goals to guide our efforts.

## 2030 GOALS & ASPIRATIONS

Owens Corning marked a major milestone in 2020 as we transitioned toward an even more ambitious set of sustainability goals for 2030. Throughout this year, despite the challenges presented by the COVID-19 pandemic, Owens Corning never lost sight of the sustainability journey ahead of us. Across all our operations, we continued to work diligently to increase the positive impacts of our products, reduce our negative environmental impact, and create a better world for the people we work with and serve.

Our corporate sustainability goals have evolved over the years to meet our expanding definition of sustainability. By working to achieve these goals, we will fulfill our purpose: Our people and products make the world a better place.

Our holistic approach to sustainability is based on three key pillars:

- Expanding Our Product Handprint
- Reducing Our Environmental Footprint
- Expanding Our Social Handprint

Our 2030 goals include an array of targets that map to our five guiding aspirations:

- Double the positive impact of our products.
- Halve the negative impact of our operations.
- Eliminate injuries and improve the quality of life for our employees and their families.
- Advance our inclusion and diversity.
- Have a positive impact on our communities.

Photo submitted by:  
**Jill Ries | Granville, Ohio, U.S.**  
Owens Corning researcher performing a lab test (top left)

Photo submitted by:  
**Dinal Thakkar | Silvassa, India**  
Owens Corning Interscholar Sports Meet 2020, before COVID-19 restrictions (middle)

Photo submitted by:  
**Sarah Hill | Newark, Ohio, U.S.**  
PINK® Fiberglass quality check (top right)

## Expanding Our Product Handprint

While we work to reduce the negative environmental impact of our operations, we also strive to increase our handprint — the positive impact our products can have for our customers and the planet. Here's an overview of our approach.

**Circular Economy.** With growing scientific evidence recognizing circular economy as a significant tactic to reduce global CO<sub>2</sub> emissions and combat climate change, we aspire to ensure that every raw material or resource extracted for our products and processes remains in the economy indefinitely.

**Product Innovation & Stewardship.** Our approach to product development and improvement is informed by our commitment to sustainability, and we have robust product stewardship protocols in place to ensure that we are increasing our product handprint throughout our processes.



**62% of our 2020 revenue came from products that help our customers save energy and avoid emissions.**

**Sustainable Growth.** As a company with sustainability at our core, we aim to align our company's growth with sustainable trends and positive global impact. We believe what's good for the environment can also be good business, and that's why we integrate sustainability into our operations.

**In 2019, Owens Corning offered the first green bond by an industrial company in the U.S.**



**Supply Chain Sustainability.** By holding suppliers to the same standards that we apply to ourselves — in emissions, human rights, and more — we're helping ensure that our values are carried forward by the companies we rely on.

**Our total base of suppliers consists of more than 22,000 organizations.**



## Reducing Our Environmental Footprint

From small fixes throughout our facilities to groundbreaking strategies that lessen our negative impact, we seek to create a smaller footprint across all our operations around the world.

**Efficiency & Sourcing Renewable Energy.** Our efforts to break away from fossil fuels — and use less energy in general — are central to achieving our sustainability goals. By switching to 100% renewable electricity by 2030, and reducing our energy use overall, we'll be well on our way to a carbon-neutral future.



**Within the U.S., approximately 59% of our electricity came from renewable sources in 2020.**

**Combating Climate Change.** Owens Corning recognizes the devastating impact climate change is having on our planet, and we're helping fight it by reducing greenhouse gas emissions. Our science-based target is to cut the GHG emissions from our operations in half by 2030, in line with the path to keep global warming below 1.5° C.

**We continue to expand our portfolio of low-carbon products certified as being made with wind energy.**



Photos submitted by:  
**Michele Mazza | Trophy Club, Texas, U.S.**  
Wind farm in west Texas (top)

**Heather Kessler | Granville, Ohio, U.S.**  
Researcher in the thermal lab in Granville, Ohio, U.S. (bottom)



**Air Quality Management.** Greenhouse gases are only one part of our commitment to cleaner air, as we strive to reduce a wide range of emissions. We have set goals to cut our emissions of particulate matter 2.5 and volatile organic compounds by a further 50% each compared to 2018 levels. We continue to expand our portfolio of low-carbon products certified as being made with wind energy.

**Responsible Water Sourcing & Consumption.** Owens Corning requires high-quality water in our processes — the same high-quality water that people and communities need. Our goals for 2030 focus especially on our impact in areas where water is limited in quantity or quality, and we're working to reduce our water consumption everywhere.

**Our conservation and efficiency efforts have saved an estimated 4.8 billion gallons of water since 2010.**



**Waste Management.** We're determined to become a zero waste-to-landfill company. We are working to cut in half the amount of waste we generate, and to find solutions to recycle or reuse whatever waste remains.



**We're one of the world's largest users of recycled glass — more than 1.3 billion pounds each year.**

**Protecting Biodiversity.** We share the world with countless species, all living in a delicate balance, and we're working hard now to understand the impact of our operations on biodiversity so we can set specific goals to guide our efforts to improve.

## Expanding Our Social Handprint

Creating a better world means ensuring a better quality of life for people everywhere — from our employees and their families to the people in the communities where we do business.

**Community Engagement.** When our employees engage with the communities where they work and live, they make a material difference for people around the world. Through the Owens Corning Foundation and company-sponsored volunteering, we're working to make sure all 19,000 of our employees can directly participate in helping their communities.

**89% of our facilities engaged in communities through volunteerism or pandemic relief in 2020.**



**Living Safely.** Owens Corning is committed to protecting workers and their families, and while we are already considered one of the safest industrial companies in the world, there is always work to do. We believe all accidents are preventable, and the only acceptable number of accidents is zero. By making living safely one of our core company values and engineering solutions to avoid accidents, we aim to keep our people safer — at work and at home.



**Our recordable injury rate is 90% lower than it was in 2002, when we declared safety to be our top focus.**

**Health & Wellness.** Owens Corning is striving to end lifestyle-induced disease among our employees and promote mental, physical, and financial well-being. Our approach encompasses all aspects of health, and it's backed by a range of life-changing resources, so employees benefit during — and beyond — their time working for the company.

**Employee Experience.** Owens Corning seeks to foster an environment of learning and growth in a caring, supportive culture. We believe that when we continuously improve the lives of our people, our company continuously improves as well. We are dedicated to providing a safe, healthy workplace and a meaningful, engaging employee experience from recruitment to retirement.

**Inclusion & Diversity.** We seek to ensure that each person we work with has an opportunity to thrive in a fair, healthy, and high-performing environment, one that represents people from various racial, ethnic, gender, religious, language, socioeconomic, family, and cultural backgrounds, as well as people with different lifestyles, experience, and interests. Inclusion enables employees to feel valued, understood and inspired to bring their whole selves to work.

**By the end of 2021, all leaders of people, from first-level leaders through mid-level leaders, directors, and vice presidents, will have attended our internal Inclusive Leadership Training.**



**Human Rights & Ethics.** We know that the privilege of working with people all over the world comes with the responsibility to treat everyone with respect and ensure that their fundamental rights are upheld. As a global leader in our industry, Owens Corning must set an example around the world regarding human rights and ethics. In addition to the policies we have in place to provide accountability in our own operations, our 2030 goals are designed to encourage our entire supply chain to join us in these aspirations.

## SELECT HIGHLIGHTS FROM 2020

### Product Innovations

**PAROC® Natura™ Insulation.** This carbon-neutral line of stone wool insulation uses low-carbon melting technology, green electricity, recycled waste materials, and new technologies to minimize the amount of CO<sub>2</sub> emitted during the manufacturing process.

**FOAMULAR® NGX™ Insulation.** Introduced in 2020, FOAMULAR® NGX™ (Next Generation Extruded) features a proprietary blowing agent that delivers a 90% reduction in global warming potential (GWP) compared to legacy FOAMULAR® insulation, and it is optimized to demonstrate a greater than 80% reduction in embodied carbon.

**WindStrand®.** This innovative material allows wind blade manufacturers to use 30% fewer layers of material in the blade molds, while delivering the same quality and performance as standard fabrics. This in turn represents a 50% savings in labor and production time for the blades.

**Trumbull® Asphalt.** In 2015, 8% of our products were non-oxidized. Today, almost 50% of the products we produce for the external asphalt business are non-oxidized, requiring less energy, and lower temperatures to produce, and generating fewer emissions.

Photos submitted by:

**Jan-Christian Stenroos | Parainen, Finland**

Kim Lindström cleaning up the floor at the Owens Corning Paroc plant in Parainen, Finland (left)

**Yana Danilova | Gous-Khroustalny, Russia**

Gathering rubbish during an ecological volunteering event in Meshchyora National Park, near the plant (right)



### Our Circular Economy Team

In 2020, Owens Corning established a cross-functional, cross-business team dedicated to advancing our commitment to the circular economy, including innovations in our manufacturing processes and products as well as developing end-of-life solutions for our materials. This new team consolidates and builds on existing work done over the past decades. The team's work will enable us to meet our 2030 waste and circular economy goals in a way that creates new opportunities for our business and our customers.

### Our Climate Change Efforts

We are proud to be among the companies heeding the call for greater urgency and impact, continuing to use the latest climate science in setting targets for greenhouse gas emissions reductions, and measuring and reporting our progress in the science-led decarbonization of our company. We are committed to further cut these emissions in half by 2030 — a target approved by the Science Based Target Initiative and in line with the Intergovernmental Panel on Climate Change's pathway to limit global warming to 1.5° C maximum above pre-industrial levels. This will result in 2030 absolute Scope 1 and 2 GHG emissions being 75% below our peak. Concurrently, we are committed to a 30% reduction up and down our value chain (Scope 3).



### Racial Equity and Social Justice Initiatives

Owens Corning entered into several significant partnerships in 2020 to help reinforce our commitment to racial equity and social justice in the communities where we operate. For example, in Toledo, Ohio, U.S. — home to our world headquarters — we have committed more than \$2.3 million toward racial equity in 2020, including a multi-year donation to assist Local Initiatives Support Corporation (LISC) Toledo. This effort is aimed at closing the racial wealth gap by investing in homeownership and preserving healthy housing.

Learn more about our 2030 Sustainability Goals and access our 2020 Sustainability Report at [www.owenscorning.com/corporate/sustainability](http://www.owenscorning.com/corporate/sustainability).