



## Sustainability at Owens Corning – It All Adds Up

At Owens Corning, our people and products make the world a better place. Our commitment begins with the recognition that the foundation of a sustainable enterprise is built on financial strength, environmental stewardship, relevant products, innovative thinking, engaged communities, and great people. We believe that – to be truly sustainable – we must continuously expand our positive impact, across these six dimensions, through our strategies and actions.

We continued to make progress toward our 2020 goals. While we are reporting results through 2016, our progress is the result of years of innovative thinking and the focused efforts of 16,000 employees committed to meeting the needs of the present without compromising the world we leave to the future.

Going forward, our priorities are to:

- ▶ **Increase** our net-positive momentum by growing our global company;
- ▶ **Continue** our progress toward zero injuries;
- ▶ **Scale** our energy efficiency and durable materials innovation and collaboration in the transportation, buildings, infrastructure, wind energy and industrial sectors;
- ▶ **Meet** our greenhouse gas emissions goals through energy efficiency, renewable energy, substitutions in our foam blowing agents and collaboration with our suppliers;
- ▶ **Reduce** our manufacturing waste generation and develop larger-scale recycling options for glass fiber waste in our operations – this remains a challenge;
- ▶ **Develop** and launch new sustainable product attributes that materially improve their total life cycle impact;
- ▶ **Expand** options for end-of-life recycling of our products, with a near-term focus on asphalt shingles;
- ▶ **Accelerate** our wellness progress to keep our people and their families healthy;
- ▶ **Enhance** our employees' and customers' engagement in responding to the needs of the communities in which we operate; and
- ▶ **Invest** in the growth and development of our people.

We invite you to review the highlights of our progress this past year against our four strategic pillars:



Michael H. Thaman  
Chairman and CEO



Frank O'Brien-Bernini  
Chief Sustainability Officer

Explore our 2016 Corporate Sustainability Report: [owenscorning.com/sustainability](http://owenscorning.com/sustainability) to learn of our progress and track our performance against our 2020 goals.



# 2016 CORPORATE SUSTAINABILITY HIGHLIGHTS



## REDUCED ENVIRONMENTAL FOOTPRINT

Continued focus on environmental footprint reduction with particulate matter emissions and water use down 23% and 37%, respectively, relative to 2010 levels. Both reductions exceed our 2020 goals.



## GENERATED WIND ENERGY POWER

Began purchasing power from 250 megawatts of new wind power capacity enabled through our power purchase agreement. This will generate the equivalent electricity of more than 65,000 U.S. homes, with positive impact on primary energy use and greenhouse gas emissions to be reported in our 2017 sustainability reporting.



## LEED SILVER RECOGNITION

Gained LEED Silver designation for Gastonia Business Center in North Carolina – the third Owens Corning facility to achieve LEED recognition.



## ASTHMA & ALLERGY CERTIFICATION

Earned asthma & allergy friendly™ Certification for Pure Safety® high performance insulation – the building products industry's first product to earn this certification from the Asthma and Allergy Foundation of America.



## LIVING PRODUCT IMPERATIVE CERTIFICATION

Achieved Living Product Imperative Certification for two insulation products – the first insulation products in the world to receive this rigorous multi-attribute certification.



## PRODUCT TRANSPARENCY

Increased product transparency by obtaining Declare Labels for EcoTouch® and unbonded loosefill insulation products and a Cradle to Cradle Material Health Certification for our Foamular® extruded polystyrene insulation.



## RECYCLED BILLIONS

Facilitated the recycling of 2.5 billion pounds of end-of-life shingles through our networks and 1.3 billion pounds of glass in our insulation products.



## GLOBAL SOLUTIONS

Helped deploy insulation solutions to reduce heating loads in low-income housing in Chile, reducing the need for burning wood for heat, the country's main source of air pollution.



## IMPROVED BUILDING PRACTICES

Partnered with builders to improve energy efficiency and sustainability-related building practices, from high-end show homes to new home construction, in the U.S. and Canada.



## WIND TURBINE COLLABORATION

Collaborated with wind turbine manufacturers to leverage our portfolio of fiber, new fabric constructions and non-woven mats, together with material science and rapid prototyping capability, to help make wind energy more economical.



## LIVING SAFELY

Achieved a modest reduction in the year-over-year employee recordable incident rate while operating at a very high level of safety performance.



## HEALTHY LIVING

Launched a science-based global wellness program to help keep our people and their family members healthy.



## TOBACCO-FREE

Established a global effort that provides education, counseling and medication to assist employees and their family members to become tobacco-free.



## EXPANDED EFFORTS

Expanded global efforts to address basic health and education by providing clean drinking water systems, restroom facilities, basic medical services, and educational assistance to thousands of children in Owens Corning communities in India.



## HELPED 1,500 FAMILIES

Partnered with Habitat for Humanity and World Vision to provide safe, energy-efficient housing through employee volunteerism, financial support and donation of building materials for about 1,500 families in need in the U.S., Canada, and China.



## ROOF DEPLOYMENT PROJECT

Launched the Roof Deployment Project™, which matches Owens Corning Roofing Platinum Preferred Contractors with U.S. military and veterans' families around the country, to deliver and install a free, new roof.



## ENRICHED ANIMALS' LIVES

Worked with Hose2Habitat to reuse fire hose, brushes, cardboard and more at zoos and animal sanctuaries for toys, and feeding and learning tools that enrich animals' lives.

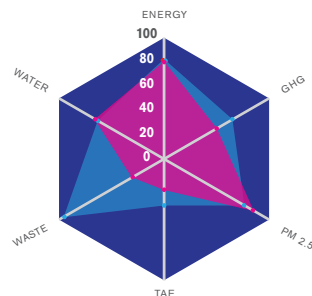


## OWENS CORNING FOUNDATION

Announced an agreement with the Concrete Preservation Institute to restore the historic Battleship Row mooring quays and help U.S. Army personnel transition to civilian jobs. Owens Corning and the Owens Corning Foundation will donate fiberglass composites, materials expertise and \$100,000 to support CPI's Career Skills Program at Pearl Harbor.

## ENVIRONMENTAL FOOTPRINT PROGRESS AND GOALS

In October 2015, having met early its 2020 greenhouse gas and toxic air emissions goals, Owens Corning announced new 2020 goals to reduce greenhouse gas intensity by 50% and toxic air emissions intensity by 75%, both from its 2010 baseline.



ASPECT	2010 BASE	2010-16 PROGRESS	2020 GOAL
Energy (Primary/Consumed)	-	● -18/ ● -17	● -20
Greenhouse Gases (GHG)	-	● -35	● -50
Fine Particulate Matter (PM 2.5)	-	● -23	● -15
Toxic Air Emissions (TAE)	-	● -61	● -75
Waste-to-Landfill	-	● -5	● -70
Water Consumption	-	● -37	● -35