



2014 SUSTAINABILITY  
The stories behind the results

**HELPING TO MAKE**

**THE WORLD A BETTER PLACE**



EXPANDING  
OUR IMPACT  
THROUGH  
SUSTAINABILITY

## Our Story

## Our Journey

## Environmental

## Social

## Our Path

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**We aspire to be a net positive company by**

- ... using the assets of our company efficiently
- ... reducing our footprint (impact) and growing our handprint (positive influence)
- ... being an active participant where we live, work and play

**All of these demonstrate how Owens Corning is expanding our impact through sustainability.**



# FROM OUR CHIEF EXECUTIVE OFFICER

# AND CHIEF SUSTAINABILITY OFFICER

“Meeting the needs  
of the present without  
compromising the  
world we leave  
to the future.”

**Mike Thaman**

Chairman and Chief Executive Officer  
Toledo, Ohio, U.S.



At Owens Corning, expanding our impact through sustainability is a core value. We believe it to be an essential element of our business, from the products we make to the way that we make them.

We are committed to the importance of expanding our handprint around the globe, offering solutions to some of the world's most pressing issues, such as climate change, energy consumption, infrastructure development, and safe and efficient homes. We embrace the science of climate change and are taking aggressive actions in our operations well in advance of public policy. This position is consistent with our values, and more importantly, a global imperative as well as a business opportunity with the products and solutions we offer.

Owens Corning's commitment to sustainability starts with our Board of Directors and runs through the management teams and employees around the globe. We have accomplished much this past year to further reduce our environmental footprint. We have expanded our global reach with our philanthropy, increased the understanding of our products life cycle, and worked closely with our customers and suppliers to help broaden our sustainability impact throughout our value chain. We are also deeply engaged in developing the analytics for measuring, expanding and reporting on our handprint with the aspiration of being a net positive company.

As we work to understand what is important – or material – to our company's sustainability commitment, our 2014 Sustainability Report reflects progress toward our 2020 goals and the commitment of 15,000 employees.

Our people and products make the world a better place. That simple and powerful purpose defines Owens Corning today, as well as the company we are building for the future. We welcome your review of our progress and comments on how we can continue to do more.

**Mike Thaman**  
Chairman and  
Chief Executive Officer

**Frank O'Brien-Bernini**  
Vice President and  
Chief Sustainability Officer

# 2014 HIGHLIGHTS

## Living Safely

- Collaborated with the Harvard School of Public Health to establish our global wellness baseline and the needed areas of focus, expanded our global wellness work focused on preventive care, healthy mind, physical activity, nutrition, and tobacco-free.

## Operations Sustainability

- Continued steady progress toward meeting our ambitious 2020 environmental footprint goals, including intensity reductions of 34% in greenhouse gas and 65% in toxic air emissions from our 2010 baseline. We have now achieved our 2020 goals for these two goals (-20% and -50% respectively) and will soon announce even more ambitious targets.
- Achieved a turnaround in our waste-to-landfill performance, delivering a 20% year-over-year reduction from both efficiency improvements and increased glass fiber recycling. We need more and faster innovation here to achieve our aspiration of zero waste.

## Product and Supply Chain Sustainability

- Recycled 2.4 billion pounds of end-of-life shingles through our networks, a 33% year-over-year increase and recycled 1.3 billion pounds of glass, a 15% year-over-year increase.
- With the continued commercialization of our bio-based formaldehyde-free product, Sustaina® glass fiber veil, we are making the largest greenfield investment in Owens Corning's history to meet the demand for bio-based products, manufactured in the U.S. for the U.S. market.

- Expanded our product transparency work to include both environmental and health impacts while protecting our intellectual property in collaboration with our customers and industry and will meet our 2015 core product life cycle transparency goal.
- Expanded our new product development pipeline, with 70% of these products having a total life cycle sustainability net-improvement over the incumbent solution.

## Energy Efficiency Collaboration

- Expanded our reach to drive net-zero energy building capabilities at improved cost, performance, durability and safety, through increased partnerships with customers, specifiers, architects and builders in both the residential and commercial markets.
- Introduced new WindStrand® high performance glass fiber roving and Ultrablade® Fiberglass reinforcement fabric products, delivering the material performance enabling longer and lighter blades to enable the construction of wind turbines for low wind sites. This advancement supports the continued growth of wind energy into areas previously uneconomic with traditional turbine technologies.
- Engaged with boards and working groups of leading industry/trade organizations and NGOs, across our markets, advocating for both market-based and policy advancements in energy efficiency, renewable energy, sustainable development and climate.

## Strategic Philanthropy

- Participated in community programs at over half of our worldwide facilities and impacted the lives of more than 19,000 children in our communities in India, China and Mexico by increasing access to basic health and educational needs.
- Assisted nearly 6,500 families through the donation of insulation and roofing materials for their homes.

## Recognition

- Continued our industry-leading track record of safety performance and was awarded the 2014 Green Cross for Safety® medal from the National Safety Council for outstanding achievement in workplace safety and community leadership.
- Earned placement in the Dow Jones Sustainability World Index for the fifth consecutive year and named Industry Leader in Sustainability for the second consecutive year.
- Achieved a perfect score on the Human Rights Campaign Corporate Equality Index for the eleventh consecutive year.
- Named by Aon Hewitt to the list of 2014 North America Aon Hewitt Top Companies for Leaders.

**“We continue to make strong progress toward our second set of 10-year footprint reduction goals!”**

**Frank O'Brien-Bernini**

Vice President and Chief Sustainability Officer | Granville, Ohio, U.S.





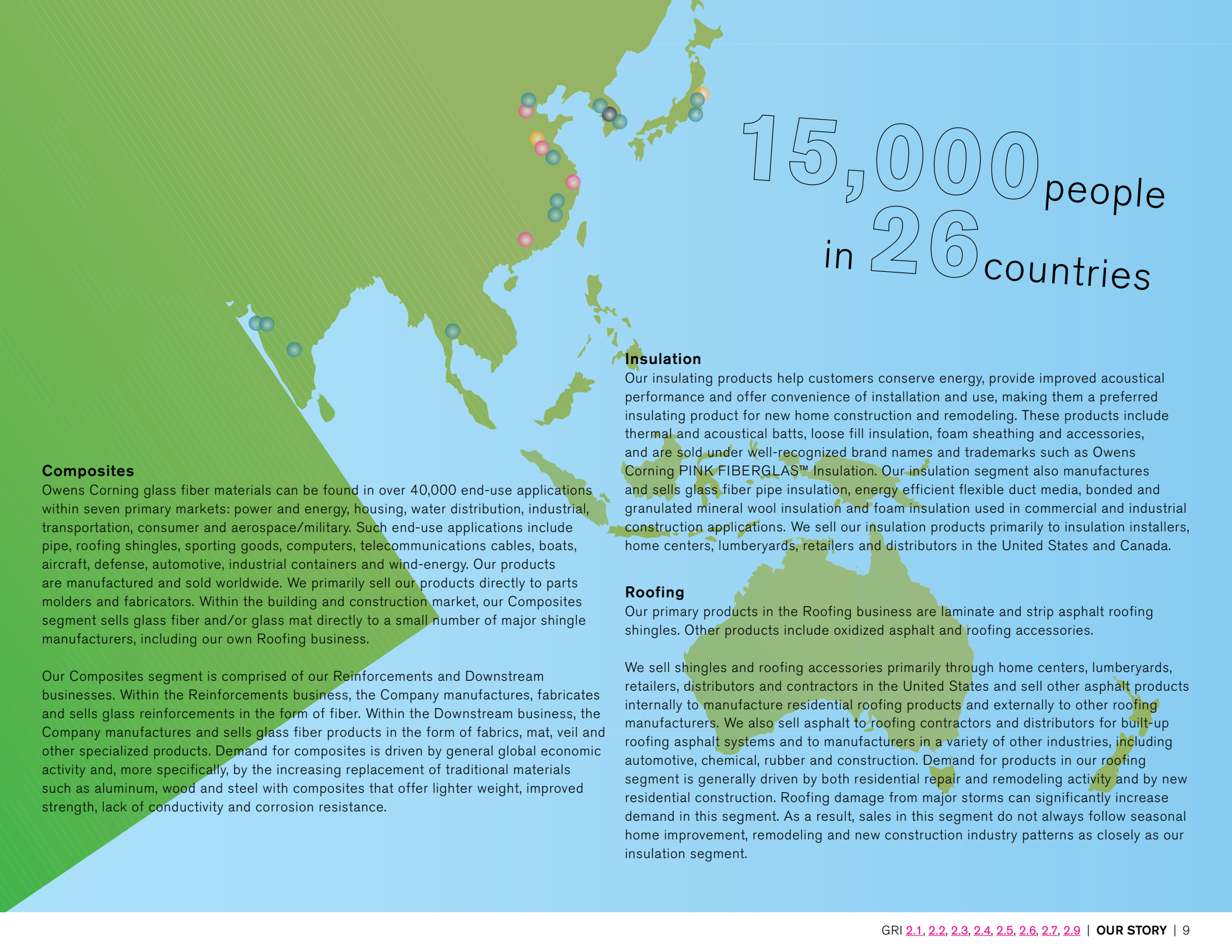
## GLOBAL IN SCOPE AND HUMAN IN SCALE

Owens Corning (NYSE: OC) develops, manufactures and markets insulation, roofing and fiberglass composites. Global in scope and human in scale, the company's market-leading businesses use their deep expertise in materials, manufacturing and building science to develop products and systems that save energy and improve comfort in commercial and residential buildings. Through its glass reinforcements business, the company makes thousands of products lighter, stronger and more durable. Ultimately, Owens Corning people and products make the world a better place. Based in Toledo, Ohio, Owens Corning posted 2014 sales of \$5.3 billion and employs about 15,000 people in 26 countries. It has been a Fortune 500® company for 60 consecutive years.

Founded in 1938, Owens Corning has close to a hundred operations spread across North America, South America, Europe and Asia Pacific. Owens Corning manufactures insulation, roofing, and composite products. Owens Corning has negligible outsourcing of manufacturing processes. Outsourcing is immaterial to our business.

In the fourth quarter of 2014, Owens Corning announced organizational changes to streamline the Company's management structure and reduce costs. As a result of this action, the Building Materials Group organizational structure was eliminated. The new management structure contains three reporting segments: Composites (which includes our Reinforcements and Downstream businesses), Insulation and Roofing. In 2014 our Composites, Insulation and Roofing reportable segments accounted for approximately 36 percent, 32 percent, and 32 percent of our total reportable segment net sales, respectively.





15,000 people  
in 26 countries

### Composites

Owens Corning glass fiber materials can be found in over 40,000 end-use applications within seven primary markets: power and energy, housing, water distribution, industrial, transportation, consumer and aerospace/military. Such end-use applications include pipe, roofing shingles, sporting goods, computers, telecommunications cables, boats, aircraft, defense, automotive, industrial containers and wind-energy. Our products are manufactured and sold worldwide. We primarily sell our products directly to parts molders and fabricators. Within the building and construction market, our Composites segment sells glass fiber and/or glass mat directly to a small number of major shingle manufacturers, including our own Roofing business.

Our Composites segment is comprised of our Reinforcements and Downstream businesses. Within the Reinforcements business, the Company manufactures, fabricates and sells glass reinforcements in the form of fiber. Within the Downstream business, the Company manufactures and sells glass fiber products in the form of fabrics, mat, veil and other specialized products. Demand for composites is driven by general global economic activity and, more specifically, by the increasing replacement of traditional materials such as aluminum, wood and steel with composites that offer lighter weight, improved strength, lack of conductivity and corrosion resistance.

### Insulation

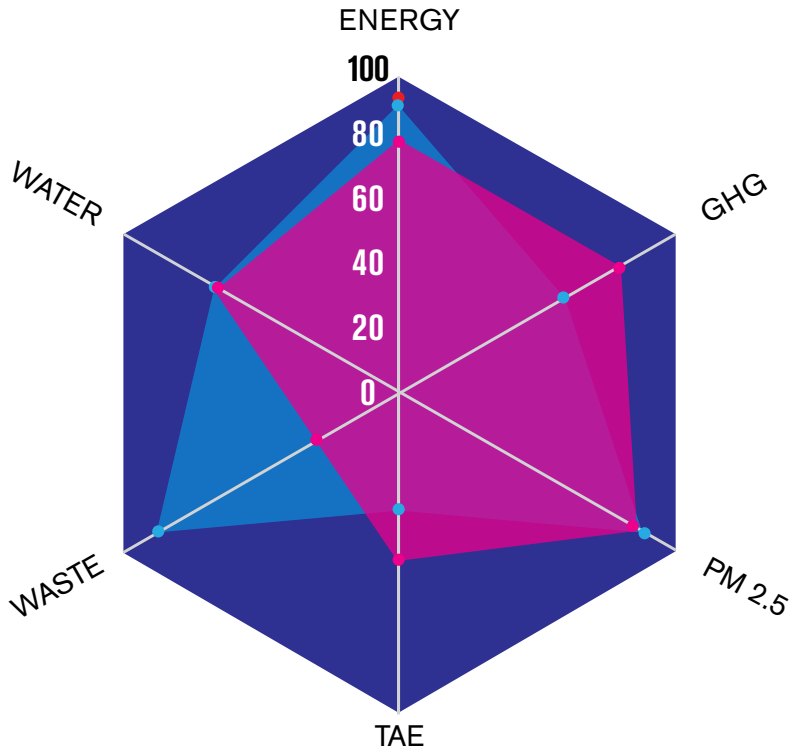
Our insulating products help customers conserve energy, provide improved acoustical performance and offer convenience of installation and use, making them a preferred insulating product for new home construction and remodeling. These products include thermal and acoustical batts, loose fill insulation, foam sheathing and accessories, and are sold under well-recognized brand names and trademarks such as Owens Corning PINK FIBERGLAS™ Insulation. Our insulation segment also manufactures and sells glass fiber pipe insulation, energy efficient flexible duct media, bonded and granulated mineral wool insulation and foam insulation used in commercial and industrial construction applications. We sell our insulation products primarily to insulation installers, home centers, lumberyards, retailers and distributors in the United States and Canada.

### Roofing

Our primary products in the Roofing business are laminate and strip asphalt roofing shingles. Other products include oxidized asphalt and roofing accessories.

We sell shingles and roofing accessories primarily through home centers, lumberyards, retailers, distributors and contractors in the United States and sell other asphalt products internally to manufacture residential roofing products and externally to other roofing manufacturers. We also sell asphalt to roofing contractors and distributors for built-up roofing asphalt systems and to manufacturers in a variety of other industries, including automotive, chemical, rubber and construction. Demand for products in our roofing segment is generally driven by both residential repair and remodeling activity and by new residential construction. Roofing damage from major storms can significantly increase demand in this segment. As a result, sales in this segment do not always follow seasonal home improvement, remodeling and new construction industry patterns as closely as our insulation segment.

# PROGRESS TOWARD OUR 2020 GOALS



## Environmental Footprint Progress and Goals

Values shown in percentages

2010 BASE

ASPECT

2014 PROGRESS

GOALS

<b>Energy</b> (Primary/Consumed)	-10 /  -12	-20
<b>Greenhouse Gases (GHG)</b>	-34	-20
<b>Fine Particulate Matter (PM 2.5)</b>	-11	-15
<b>Toxic Air Emissions (TAE)</b>	-65	-50
<b>Waste-to-Landfill</b>	-14	-70
<b>Water Consumption</b>	-29	-35

*The company's six aspects are shown in the footprint graphic below. The 2010 baseline year is shown as the dark blue outside border of the spider chart, representing 100% of each aspect. The pink center footprint indicates the company's 10-year "intensity" goals. The light blue footprint represents our status at the end of 2014.*

## Sustainability of Products Goals

### 2015 GOAL: MAKE TRANSPARENT THE TOTAL LIFE CYCLE ASSESSMENT (LCA) OF ALL CORE PRODUCTS BY 2015.

#### 2014 PROGRESS

We are on track to have LCAs for all core products by the end of 2015.

Owens Corning issued the first Environmental Product Declarations (EPD) for fiberglass insulation in North America in November 2012 followed by the first North American extruded polystyrene (XPS) foam insulation EPD in 2013. EPDs have been issued for mineral wool products with remaining building products to be complete in 2015. All can be found at UL Sustainable Product Guide or at Owens Corning's Architectural & Engineering Information Center.

LCA data for composites products has been completed and published data can be found at the American Composites Manufacturing Association site, the Glass Fibers Europe site or by contacting 1-800-GET-PINK®.

### 2020 GOAL: IMPLEMENT CONTINUOUS AND MEASURABLE IMPROVEMENTS ON THOSE IMPACTS

#### 2014 PROGRESS

Work continues with elimination of formaldehyde in binder formulation with the conversion of 701 Fiberglas™ insulation.

Other aspects of sustainable attributes are captured in the innovation sustainability mapping tool described below.

### 2020 GOAL: CREATE THE PIPELINE AND INCREASED VALUE THROUGH SUSTAINABILITY IN THE INNOVATION PROCESS

#### 2014 PROGRESS

In 2013, a new sustainability mapping tool was created and implemented to provide the development organization with a more comprehensive, user-friendly tool to drive change in the innovation process. Measures of sustainability in innovation projects in 2014 showed:

- 74% of new products and 55% of new applications for our products are showing net sustainability gains. These gains were most frequently caused by product developments that improved our manufacturing footprint (lower plant air emissions, lower material consumption, lower energy usage and higher process efficiencies). Another frequent cause of gains in 2014 was moving to new product designs that use less materials.
- Net sustainability losses are a low percentage (< 10%). Losses were most frequently caused by the use of more materials in either the design, manufacture or use of the product including the requirement of more packaging materials.

## Supply Chain Sustainability Goals

### 2020 GOAL: SET CLEAR EXPECTATIONS FOR SUSTAINABILITY PROGRESS BY OUR SUPPLIERS

#### 2014 PROGRESS

The fourth annual Supplier Recognition event was held in September. This event serves as a reminder of the importance of our supply base and the emphasis we place on our Supplier Code of Conduct. Suppliers were formally awarded recognition for best practices in the areas of sustainability, safety, quality, value creation, risk mitigation, and innovation.

### 2020 GOAL: USE LEADING-EDGE SOURCING PRACTICES

#### 2014 PROGRESS

Owens Corning made significant progress in cleansing spend data and implementing governance processes while investing in external data resources to measure risk and supplier information. New spend analytics dashboards and reports were developed using SAP business intelligence tools.

A new quality improvement process and tool was deployed to all North American plants to identify and correct non-conforming material. A supplier scorecard was developed, piloted and approved and is used to address performance issues with specific critical suppliers

Driving measurable improvements in supplier focus, prioritization, engagement, performance and risk mitigation, the company is on a path to using world-class sourcing practices by 2016.

### 2020 GOAL: MEASURE AND DISCLOSE SUPPLY CHAIN PERFORMANCE

#### 2014 PROGRESS

We increased the number of suppliers, based on spend and criticality, asked to complete a self assessment survey to 995. Of that, 391 returned the survey and were assessed for a 39% response rate.

An audit, corrective action and new supplier onboarding program was implemented as a result of the 2014 assessment. Four on-site visits were completed.

### 2020 GOAL: CONVERT 50% OF NORTH AMERICAN TRANSPORTATION MILES FROM DIESEL FUEL TO NATURAL GAS

#### 2014 PROGRESS

Of our total 142 million miles transported, 24 million miles were traveled using alternative means (natural gas, intermodal, rail) resulting in an emissions avoidance of a little over 20,000 metric tons of CO<sub>2</sub>e versus just over-the-road with standard diesel fuel.

# OUR PEOPLE AND PRODUCTS MAKE

## THE WORLD A BETTER PLACE

Owens Corning is a leading global producer of residential and commercial building materials, glass-fiber reinforcements, and engineered materials for composite systems. In 2014, our team of 15,000 employees earned many accolades.

- Recognized as a **Fortune 500®** company for 60 consecutive years.
- Awarded the highest honor of the National Safety Council (NSC), the **2014 Green Cross for Safety®** medal. NSC presents this award annually to an organization with outstanding safety performance and a commitment to improving the quality of life in the communities in which its employees work and live.
- Earned a position on the **Dow Jones Sustainability World Index (DJSI)** in recognition of its sustainability initiatives for the fifth year in a row. DJSI world index is an elite listing of the top 10% of the world's 2,500 largest companies based on long-term economic, environmental and social criteria. RobecoSam, an investment firm focused on sustainable investing, named Owens Corning the industry leader for the DJSI World Building Products Group for the second year running.
- Received a perfect score of 100 percent on the 2015 **Corporate Equality Index (CEI)**. The CEI is published by the Human Rights Campaign (HRC) Foundation. This civil rights organization works to achieve lesbian, gay, bisexual and transgender (LGBT) equality. The company has met the criteria for a perfect score for 11 consecutive years.
- Ranked 25th on the 2014 **Aon Hewitt's Top Companies for Leaders®** - North America list. Top companies share five key characteristics in their leadership approach: assessment, awareness, resilience, engaging leadership and sustainability.
- Listed as 46<sup>th</sup> in the large organizations category for **Computerworld's 2014 Best Places to Work in IT**. The editorial team of Computerworld compiled the 100 best places to work based on organizations' offerings such as benefits, diversity, career development, training and retention. The annual list also factors in results from an employee satisfaction survey.
- Named an industry leader in the building products sector of the **RobecoSAM Annual Sustainability Yearbook** for the second year in a row. The yearbook takes the best 15 percent per industry and ranks them gold, silver or bronze. Owens Corning was the only company to earn a gold class rating in the building products sector. RobecoSAM, an investment firm focused on sustainability investing, describes its yearbook as a "compass for investors looking to scout out companies across all industries that have a competitive edge based on corporate sustainability criteria." The yearbook looked at companies' sustainability performance in 2014. It evaluated economic, environmental and social dimensions such as a code of conduct, risk management, climate strategy, recycling plan, safety, and employee development. The top performing company from each of the 59 industries analyzed was awarded RobecoSAM industry leader status.
- Presented with **JEC Americas Innovation Award in the Wind Energy Category**. The award is intended to highlight the most pivotal advances in composites design, manufacturing, and application by the JEC Group, the world's largest organization dedicated exclusively to the composites industry.

**“Many factors come together to drive business success – among them a diverse and inclusive workplace. We’re pleased to be recognized by the Human Rights Campaign. At the same time, such recognition reminds us to continue investing in a workplace where our employees feel respected and valued for their contributions.”**

**Daniel Smith**

Senior Vice President of Organization and Administration | Toledo, Ohio, U.S.







## FUEL

**“It’s exciting to participate in something new and innovative that will change the face of transportation and improve the environment.”**

**David Uncapher**

Transportation Sourcing Leader  
Toledo, Ohio, U.S.

Owens Corning established a 2020 goal that 50% of North American transportation miles would be converted from diesel fuel to natural gas.

**Finding New Routes to Sustainability**

In 2012, Owens Corning reported the first wave of fuel switching to natural gas from diesel fuel, and partners with Dillon Transport, Modern Transport and others on a fuel switch initiative of diesel to natural gas (NG) to deliver energy efficiency, greenhouse gas and other emission reductions. In 2014, Owens Corning carriers fueled by NG moved product 13 million miles, 30% more than the previous year. This represents 10% of our total road miles in 2014.

Of our total 142 million miles transported, 24 million miles were traveled using alternative means (NG, intermodal, rail) resulting in emissions avoidance of over 20,000 metric tons of CO<sub>2</sub>e versus over the road with standard diesel fuel.

“Our goal had been to convert 50% of miles driven to NG, however with low fuel prices this is no longer a feasible option for our carriers,” said David Uncapher, transportation sourcing leader. “We will continue to request and support fuel switching while looking for alternative means for overall emissions reduction of our sourced transportation services.”

Our revised goal will be to accomplish the same metric tons per mile intensity reductions planned from our work that started in 2012. We will do this by the continued conversion of diesel to NG powered equipment, as well as increasing utilization of bulk transport such as intermodal and rail (IML) and encouraging the use of lower emission equipment by our carriers. As of 2014 IML comprised 7.5% of miles, while NG comprised 10% of miles.





*Efficient systems and planning have considerably increased Owens Corning's water recirculated and recycled percentage.*





## WATER

The choices that we each make every day, in industry and in our personal lives, are critically important to our collective progress. Those choices span from the way we make our products, the raw materials and products we choose to buy, the way we use those products, and finally in our choices for end-of-life disposal or recycling.

### Employees Lead the Way

In order to meet our 2020 water reduction goal plant-level efforts and engagement is critical. The success of our Kansas City, Kansas, U.S., plant demonstrates the impact an engaged water team can have on water usage.

Since 2010 Kansas City has cut both its absolute water use and water intensity in half. Efforts to reuse water and minimize municipal water use have decreased both usage

and costs associated with purchasing city water. The plant has implemented a metering system to populate a scorecard with water use information. The scorecard helps the plant to quickly identify and eliminate failures that increase water use.

“We are participating in the Kansas Governor’s 50-year Vision for the Future of Water in Kansas and have been recognized several times for our water reduction work,” said Brad Casemier, maintenance leader of the Kansas City plant. “Most of our team now has their Certified Water Efficiency Professionals certification and we have more in training. We are committed.”

**“With the importance of water to the future, we need to be conscious of it constantly, and make sure we are being good stewards of our water.”**

### Brad Casemier

Maintenance Leader | Kansas City, Kansas, U.S.

Since 2010, Owens Corning has considerably increased their water recirculated and recycled percentage. In our Composite plants, process water is recycled and used in the cooling towers and for landscaping purposes.



*Brad Casemier, a Certified Energy Manager, stands near a state-of-the-art control system that reduces energy consumption at the Kansas City plant.*



## WASTE

The waste-to-landfill diversion rate is how plants are tracked and recognized for their efforts to reduce landfill waste. The diversion rate, or recycling rate, measures how much waste, regardless of production amount, stays out of landfills. Plants that are able to divert 98% or more of their waste from landfills achieve Gold Ranking. Those that can divert 80% or more receive Silver Ranking.

### From Landfills to Making Owens Corning History

The Asan roofing plant in South Korea is the first plant in Owens Corning history to send no waste to a landfill. This earned them Platinum Ranking for a 100% waste-to-landfill diversion rate. This is a historic accomplishment for Owens Corning and Asan.

Prior to October 2013, the plant was only recycling 65% of its waste. The team decided they wanted their plant to become landfill free.

The plant found local vendors that could buy some of the waste that was being thrown away. The vendors take materials and use them in their own businesses. Additional waste at the plant is burned and turned into heat energy. Food waste is used to fertilize plants and all recyclables are reused at the plant or taken to a recycling plant.

Asan Plant Leader Bseon Park says that becoming waste to landfill free was possible by following our company values. "We operate the Asan site with the social responsibility from Owens Corning's purpose and values stated in the company story. This achievement is one of the milestones associated with our purpose, that our people and products make the world a better place."

The Asan plant also uses these same values to help those in need. "Reducing waste through improving efficiency of every single process is the most important aspect of our manufacturing practices. In parallel, we actively demonstrate our purpose by donating our products for poor people with Habitat for Humanity and by cleaning the streets around our plant."

### Six Plants Reach Gold Ranking

Six plants across the globe made Gold Ranking and 23 made Silver Ranking in 2014. Like Asan, these plants have found new ways to recycle or sell their waste to vendors that can make use of it in their production processes.

At the Gresham, Oregon, U.S. plant, they believe it's all about educating employees and finding new ways to eliminate waste.

"In all honesty, a lot of this breaks down to employee awareness and education of what actually can be recycled," said Patrick VanDomelen, EHS Coordinator in Gresham. Patrick says employees have driven a culture change by delivering training on what other items can be recycled that people had never thought of before.

At the Yuhang plant in China, sludge in waste water was problematic. The plant found a vendor that could use the sludge for brick making. Testing proved the sludge was non-hazardous and that it could hold enough heat to be used for brick making and could also reduce coal consumption.

### Waste Goals at Owens Corning

Owens Corning has the goal of reducing its waste intensity by 70%. Waste intensity is the amount of waste that is sent to landfills in comparison to how much product is made. The company wants to achieve this goal between 2010 to 2020.

The waste-to-landfill diversion rate is how plants are tracked and recognized for their efforts to reduce landfill waste. The diversion rate, or recycling rate, measures how much waste, regardless of production amount, stays out of landfills. This data is important because a plant could have very low waste intensity but throw 100 percent of that waste in a landfill.

The WTL diversion helps plants reach a higher level of sustainability by seeing where waste goes when it leaves the plant. A plant has a 100% diversion rate if no waste goes to landfills. A plant has a 50% diversion rate if half of its waste goes to landfills. The higher the diversion rate the better.

"Becoming a zero waste to landfill plant is an outstanding achievement, and one that is not easily accomplished," said Michele Mazza, global energy and waste reduction program manager.

**“Although working within OC’s Sustainability organization and leading OC’s efforts to reduce waste to landfill was never a career aspiration, I find myself driven and motivated each and every day to make a difference in our company’s waste to landfill footprint. I have personally declared a war on waste!”**

**Michelle Mazza**

Energy and Waste Reduction Program Manager  
Waxahachie, Texas, U.S.



Basement waste



1



2



3



6



5



4



# BIODIVERSITY

Owens Corning is committed to preserving the natural habitats that surround our operations around the world. Many sites take part in local biodiversity projects throughout the year.

**“Every person and every organization on earth depends on biodiversity in some way. That is what we tried to emphasize through our photography contest. The incredible response we received from employees across the globe illustrated not only the beauty and variety of biodiversity, but also its importance to our employees. OC employees see and enjoy biodiversity in so many ways, we have a responsibility to protect it!”**



**Lindsey Kauffman**  
Senior Environmental Specialist  
Granville, Ohio, U.S.

We are in the process of developing a company-wide biodiversity policy and goals. The intent of this policy is to acknowledge the importance of biodiversity to our facilities and to guide our future actions around biodiversity. We expect this policy to be finalized in 2015.

In 2014, we began an employee education and outreach program centered on biodiversity, with the goal of increasing awareness of what biodiversity is, why it is important to us as individuals and a company, and what we can do to preserve and enhance it.

As part of the program we formed a dedicated biodiversity team with global membership, which is working to implement a formal biodiversity policy, and held a biodiversity photography contest for Earth Day.

### Take a Shot

Every portion of the photography contest incorporated facts about biodiversity and its importance. The contest received close to 550 submissions of photos taken by Owens Corning employees from all over the world that demonstrated some aspect of biodiversity. The company's intranet was abuzz with pictures of biodiversity: a blue jay carrying a seed in its beak, a frozen waterfall starting to thaw, and a bee hovering above wildflowers.

Over 1,800 votes were cast by employees to choose their favorite photos, which will be published within our sustainability website and sustainability report.

Votes were cast over several categories:

- Cultural Biodiversity
- Species Biodiversity
- Cultural Services
- Provisioning Services
- Regulating Services

We celebrate our employee's commitment and examples of biodiversity where they live, work and travel. Winning photos are pictured on preceding page.

### Partners in the Cause

Our Supplier Code of Conduct states that suppliers are expected to:

- Provide adequate management systems for environmental, health and safety, and product stewardship programs;
- Provide products that are safe and environmentally sound to use and dispose;
- Have programs to reduce the environmental impact of their products, like reduction of discharges into natural surrounding and other sources of pollution; and
- Establish goals and monitor the reduction of their environmental footprint.

**1 | Cultural Services Winner** *Phi-Phi Islands, Thailand by Faruk Gursever from Brussels, Belgium*

### Species Biodiversity Winners

**2 |** *Quarreling Blue Jays at Dawes Arboretum in Licking County, Ohio, U.S. by Fred Ponn from Granville, Ohio, U.S.*

**3 |** *Multnomah Falls near Portland, Oregon, U.S. by Katy Eisenstein from Toledo, Ohio, U.S.*

**4 | Regulating Services** *Where would we be without a Honey Bee Sharpsburg, Georgia, U.S. by Eddie Shaw from Fairburn, Georgia, U.S.*

**5 | Cultural Biodiversity Winner** *Washing Place at Dhobihat, Mumbai, India by Anna Han from Seoul, Korea*

**6 | Provisioning Services Winner** *Frozen falls Hocking Hills, Ohio, U.S. by Don Wise from Granville, Ohio, U.S.*



# LIFE CYCLE AND THE SUPPLY CHAIN

In addition to our operations and product sustainability goals and progress, we are committed to improving our entire product life cycle. This includes how products are recycled at the end of their useful life. We walk the talk.

## Keep Out!

Each year, 20 billion pounds of shingles are removed from the roofs of U.S. homes and buildings. During 2014, Owens Corning's Roofing and Asphalt Shingle Recycling Program kept about 2.4 billion pounds of them out of a landfill. Since the program's inception, 5.8 billion pounds of shingles have been recycled.

"This program helps us meet our sustainability goals," said Yin Chen, marketing specialist, Roofing and Asphalt. "We reduce our environmental footprint, improve our handprint and improve the life cycle of our shingles."

Launched in 2009, it was the first program of its kind in the roofing industry. Today, Owens Corning is recognized as the industry leader in driving shingle recycling. Torn-off shingles taken to qualified shingle recyclers are diverted from landfills and primarily reused in asphalt road pavement.

## Recycling Benefits Roofing Contractors

In addition to recognizing shingle recycling centers, the business also promotes this program to members of the Owens Corning Roofing Preferred Contractor network. Preferred Contractors who take the Shingle Recycling Pledge agree to recycle the shingles they tear off and get Owens Corning branded selling materials to help them tell the story.

During 2014, 55 new roofing contractors took the pledge to recycle. This brought the total number to 563 contractors in the company's roofing contractor network committed to recycling.

## Giving Glass a Second Life

It has been five years since Owens Corning and Boulevard Brewery in Kansas City, Missouri, U.S., created what some call America's first self-contained metropolitan recycling system. The brewery was looking for ways to recycle its glass bottles, and the nearby Owens Corning plant in Kansas City, Kansas, U.S., was seeking ways to increase its use of recycled glass. Meanwhile, there was no glass recycling program for local residents.

With the help of Owens Corning, Boulevard Brewery opened Ripple Glass, a state-of-the-art processing facility for glass recycling and reclamation. Residents drop off their jars and bottles at 60 locations around the city. Ripple Glass collects, sorts and crushes the glass, and then ships it to Owens Corning to be melted and spun into fiberglass insulation.

The result is a win-win for the community and the environment. Ripple celebrated the recycling of its 100,000<sup>th</sup> ton of glass during 2014.

## Partnership in Progress

Those companies who supply goods and services to us are as much a part of the total life cycle impact of our products as our own operations. As a result, we consider it a business imperative to work with and nurture relationships with suppliers to assure they are dedicated to advancing the sustainability of their companies.

As part of our annual supplier recognition event, the sustainability award recognizes the supplier who a commitment to adhering to the Owens Corning Supplier Code of Conduct, and improves the life cycle impact of

**“Our Shingle Recycling Program continues to demonstrate Owens Corning’s careful consideration for product life-cycle management, from design and manufacturing to durable service and end-of-life recycling.”**

## Frank O'Brien-Bernini

Vice President and Chief Sustainability Officer  
Granville, Ohio, U.S.

our product. Suppliers do this through improving their products/operations and partner on end-to-end supply chain collaboration to deliver more sustainable products and services for our customers.

One of the 2014 recipients was RAPAC, a worldwide supplier of polystyrene products. They developed a supply chain to collect expanded polystyrene and process it for Owens Corning. This, in turn, allowed Owens Corning to develop and maintain 20% recycled content in its Foamular® insulation products. The recycled content differentiates Owens Corning from any other polystyrene insulation manufacturer in the world.



*Collected glass waste to be recycled and used for fiberglass insulation.*



- 1 | Children of migrant workers in line for meals in China's Jiangxi Province.
- 2 | Workers of the Spring Sprout kitchen preparing meals for children.
- 3 | Children benefiting from our partnership with Netspring Green IT.

## STRIVING TO BE BETTER EVERY DAY

In 2014, 61% of Owens Corning locations participated in at least one community service project across the globe. We expanded our corporate philanthropy internationally and supported projects in India, Mexico and China. This is accomplished through various methods including plant open houses, community volunteer events, fundraising, community board service, and financial support.

Owens Corning has several strategic philanthropic areas of focus: safe, efficient housing; critical needs shelter; basic health and education; and employee engagement.

### Nurturing Mind and Body

The Owens Corning team joined with the Amway Charity Foundation (AFC) and the China National Committee for the Care of Children (CNCCC) to improve life for migrant workers' children, who are left behind when their parents go off to find work. It used Owens Corning Foundation funds to build eight school kitchens in two of the poorest counties in China's Jiangxi Province. Before the project, four schools had no kitchens and four others were in disrepair. The kitchens now offer nutritious meals, including meat and vegetables, for more than 5,500 children.

Funds were also used to train the kitchen workers on operations and the school's teachers about children's health needs.

Team members visited the schools as program inspectors to be sure the kitchen was in good order and the staff understood the children's needs and kitchen operations. They also gave books and sports equipment to the schools.

Owens Corning is partnering with Netspring Green IT and providing refurbished computers for a migrant school near our plant in Yuhang - impacting 834 students and 27 teachers. Owens Corning helped to provide teacher training and delivered teaching kits and toys to 20 daycare centers for migrant workers' children in Shanghai through a partnership with the Shanghai Charity Foundation. Over 9,000 children ages 3 to 6 benefited from this initiative.

**“Beyond the industrialized cities, in China’s rural provinces, children are suffering from malnutrition. The Spring Sprout Kitchen provides opportunities for employee volunteers to get involved in making a difference. I am proud to have been a small part of it. During our visit to the schools, there is nothing more rewarding than seeing the smiles on the children’s faces.”**

**Zhigang Bian**

Building Materials Sales | Guangzhou, Guangdong, China



Zhigang in front of one of the Spring Sprout Kitchens.





1



2



3



In 2013 and through another key partnership with United Way Worldwide, we expanded our corporate philanthropy internationally and began supporting our communities in India, Mexico and China. These projects align with our priority of providing access to basic health and education and encourage employee volunteerism in our global communities. In a number of these locations, community needs assessments and meetings with local leadership have identified the needs of children of migrant workers a high priority. Work in these countries is addressing the most basic needs in villages near Owens Corning plant and facility locations.



*Thimmapur employees held medical, blood donation and eye camps. During recent floods, they arranged for the transport of food supplies to a few villages.*

### **Beauty in the Eyes of the Beholder**

Eye care is one of the critical needs in rural India. So Owens Corning India employees have taken up the mission of caring for rural senior citizens suffering from eye-related disorders.

**“I really enjoy participating in OC India’s community efforts, which we refer to as ‘Prayas’, meaning endeavor. We volunteer providing basic education, health and nutrition to the children of disadvantaged migrant laborers!”**

The Taloja team, who won the Global Volunteer of the Year team award for 2013, is using its \$10,000 prize money to provide eye care to about 150 senior citizens from nearby villages. It donated the award money to Laxmi Charitable Trust, which offers eye care at an affordable cost to patients who don't have access to basic health care. The money will be used for services such as glasses, cataract operations and education about ways to prevent blindness.

“This money has been a great help in boosting employee engagement toward driving health-related programs in the community,” said Sanjay Rao, human resources leader for Owens Corning India.



### **Sanjay Rao**

Human Resources Leader | Mumbai, India

*Sanjay pictured above with children from Mumbai Mobile Crèche Village*

Our engagement with local communities thrives through partnerships with various non-profit organizations and charitable efforts, including educational support.

### **Chambéry Team Guides Engineering Students**

For the next three years, the Chambéry, France, regional office will follow and guide a cohort of 75 students – all engineers from Superior National School of Chemistry in Clermont-Ferrand, France, known as ENSCCF.

Owens Corning will contribute to the students' education in several ways. First, it will offer internships and end-year projects. A team of volunteers also will provide courses, organize OC site visits, give presentations about OC jobs, and help write resumes or practice job interviews. One of the team's objectives is to help students be fully prepared for their future professional environment.

As an OC employee and president of the ENSCCF board, Patrick Moireau, product regulatory compliance expert, initiated the partnership. "There is a 20-year relationship between Owens Corning and ENSCCF. Today, several OC engineers are either teachers or members of the school board. Now, we want to go further," Patrick said.

Magali Eyraud, human resources leader, underlined the benefits of the partnership. "First, future engineers will discover the kind of jobs they can do after they exit school, including some they don't even think about today.

"Second, they will better understand the expectations of a company like us, in terms of skills and behaviors. Finally, OC teams will have the nice opportunity to share their knowledge and skills, which is always exciting and valuable for both parties."

**“The initiative is also a way to enhance the Owens Corning brand. One day, the students will be our customers or suppliers, if not our employees.”**

### **Magali Eyraud**

Human Resources Leader | Chambéry, France





*Chambéry regional office employees with engineering students from Superior National School of Chemistry in Clermont-Ferrand*



Around the globe, Owens Corning employees contributed thousands of hours of service to boards, special causes and non-profit organizations. Whenever possible, employee volunteerism is linked with key charitable partnerships.



Don pictured below with children from the Taloja Village

### **OC Builds Relationships in New Community**

Owens Corning is already giving back to the community where its new U.S. composites plant is being built in North Carolina. In the fall of 2014 Owens Corning employees from around the globe worked on a Habitat for Humanity house in Gaston County.

Nearby, construction continues on the non-wovens plant

**“Habitat for Humanity is a great partner for us. We have three ways we give – financially, through donated material, and by volunteering. And Habitat is able to put all three to good use. Our relationship with Habitat is not episodic; it is ongoing and important.”**

**Don Rettig**

Director of Corporate Communications and Community Relations | Toledo, Ohio, U.S.

in Gastonia to be completed in 2016. The plant will make glass veil – a thin sheet of glass-reinforced material – to be used in ceilings, flooring, gypsum, and roofing.

The build project strengthened the company’s commitment to the area. First, Owens Corning volunteers from France, Belgium, India, and the corporate office in Toledo, Ohio, U.S., worked with local employees on the Habitat home. Later, the Owens Corning Foundation presented a \$25,000 check to Habitat for Humanity of Gaston County.

Mary Harris, executive director of Habitat for Humanity of Gaston County, was grateful for the company’s support. “What you did here truly touched my heart. This is such important work, not just for the families we help but for the entire community. We know we can make an impact.”

### **Brunswick Plant Reaches Out to Local Students**

2014 was the third year for Manufacturing Day, a national event sponsored by several groups including the National Association of Manufacturers and the Fabricators & Manufacturers Association International.

The day is meant to focus attention on manufacturing – what it is as well as what it isn’t. More than 1,600 U.S. manufacturing sites participated on October 3, 2014.

The Brunswick, Maine, U.S., composites plant decided to take part in the day to connect with its community, gain some exposure for the plant, and to reach out to the future workforce.

The plant team invited students from trade schools, alternative education and Jobs for Maine Graduates. About 44 students and their instructors came to the plant and heard an overview of Owens Corning and Brunswick-specific information.

#### **Gaston County U.S. Habitat for Humanity Build**

- 1 | Owens Corning Foundation presented a \$25,000 check to Habitat for Humanity of Gaston County.
- 2 | Products similar to the ones shown in this photo are shipped to those most in need.
- 3 | 16 employees, from 4 countries, volunteered at the Habitat for Humanity build in Gaston County, North Carolina, U.S.

#### **Brunswick, Maine U.S.**

- 4 | A Brunswick employee led tours for students during the Manufacturing Day activities.



## DIVERSITY

**“At Owens Corning, more than at many other corporations, leadership has demonstrated a strong desire to connect with and grow Owens Corning talent. The affinity groups are one of the ways that this can happen. The affinity groups provide an avenue to have exposure to leadership, demonstrate leadership skills, network with peers, and build new skill sets. These groups should be leveraged for exactly these reasons. In addition to doing well in a current role, non-job specific, company related or supported roles can play a large role in achieving personal and professional goals.”**

At Owens Corning, we understand that the ability to access great talent, have outstanding role models, and be comfortable with who we are is important in making diversity meaningful in our workplace.

### **Building Tomorrow’s Leaders Today**

Our success is driven by our ability to attract and retain the most talented and high-performing employees available globally. To achieve that objective, Owens Corning is committed to being a company where opportunity for professional growth and success is determined by each employee’s performance, regardless of personal attributes or other individual differences. For that to be a reality, each employee must be free to bring their complete self to work knowing that they will have an equal opportunity to reach their full potential with our company. Quite simply, we provide an environment where the most outstanding talent in the world feels welcomed, respected and valued for their contributions. Such an environment will facilitate otherwise unattainable business results and competitive advantage by leveraging the power of diverse experiences and perspectives.

Today, Owens Corning is a diverse community of dedicated and highly talented professionals. We draw upon the unique backgrounds and experiences of our employees to fulfill our company purpose.

### **Everyone is Responsible**

Five employee-led affinity groups work to advance the company’s commitment to inclusiveness. They include the African American Resource Group; Connections; Gay, Lesbian, Bisexual, Transgender & Advocates; Owens Corning Multicultural Network; and Women’s Information Network. These affinity groups develop programs and activities focused on fostering employee engagement, business impact and community connections.

**Monica Weaver**

Market Development and Commercial Strategy Leader | Toledo, Ohio, U.S.







**African American Resource Group AARG**

Advance excellence through attracting, acclimating, retaining, and accelerating career growth, thus enhancing Owens Corning's business performance while leveraging the strength of a diverse workforce.

**Connections**

Connections enriches the lives of our employees by partnering with those in career transition, while fostering personal and professional growth and promoting community involvement in order to attract and retain top talent.

**Gay, Lesbian, Bisexual, Transgender & Advocates GLBTA**

Our vision is to achieve a work environment that is inclusive and safe, where people feel they can be fully engaged to create and problem-solve to their maximum potential and to be confident in a work environment where they will be fairly evaluated.

**Owens Corning Multi-Cultural Network OCMN**

OCMN's purpose is to fundamentally enhance the ability of the people within Owens Corning to understand, embrace, and leverage the multicultural differences that exist across our global organization.

**Women's Information Network WIN**

WIN is a group of highly engaged, dedicated and compassionate professional women who are committed to attracting, retaining and developing outstanding women.



# SAFETY

At Owens Corning, our commitment to safety is unconditional, and working safely is a condition of employment. We believe that all accidents are preventable and are on a path to zero injuries.

### Part of Everything We Do

On the day before Owens Corning accepted the 2014 Green Cross for Safety medal from the National Safety Council, employees celebrated their safety achievement and shared safety stories in a special company-wide meeting.

Tony Coleman, then plant leader at the Starr, South Carolina, U.S., composites plant, said Starr improved by setting goals and stressing personal accountability. Through conversations with all employees, the plant leadership team was able to put everyone “on a path toward right behaviors and mindsets.” They know to follow plant procedures to stay safe.

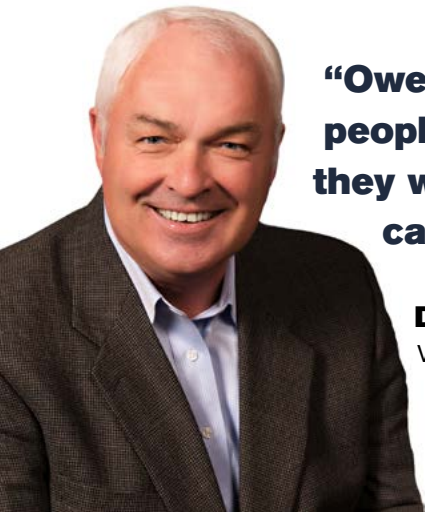
The Thermafiber mineral wool plant in Wabash, Indiana, U.S., has been making good progress on its safety journey since Owens Corning acquired it in June 2013. Eric Weikel, warehouse and distribution supervisor, commented, “Previously, I thought we had a pretty good safety record. You came in and showed us some things we could do better. We’re working toward increasing our goals and making progress. I’m glad we’re onboard.”

Beth Rettig, regional sales manager in St. Louis, Missouri, U.S., discussed the impact of the company’s cell phone policy, which met resistance when it was put in place two years ago. “One of the most important things we did was to communicate with our customers and establish a different expectation,” she said.

Customers no longer expect sales representatives to answer a call immediately, knowing they might be driving. “We make scheduled stops, and customers understand that. I find we’re more efficient. Productivity hasn’t changed. We’ve learned to be productive in different ways,” Beth added.

Fernando Carrizosa, the Mexico City, Mexico, production leader who joined Owens Corning about two years ago, now sees safety as a way of life. It’s not just a system, but a genuine care for each other. “I understand that every day, people depend on me to keep safe,” he said. He tells his people to look around and analyze their actions. Behavior changes are a key to success.

Finally, David Puertas, Alcala, Spain, plant leader, said he used to believe accidents will happen. Now he knows all accidents are preventable, and his team knows how to understand and mitigate risk. “In Alcala, I learned about taking a stand and putting safety inside your DNA – so that in everything you do, safety is included,” he said.

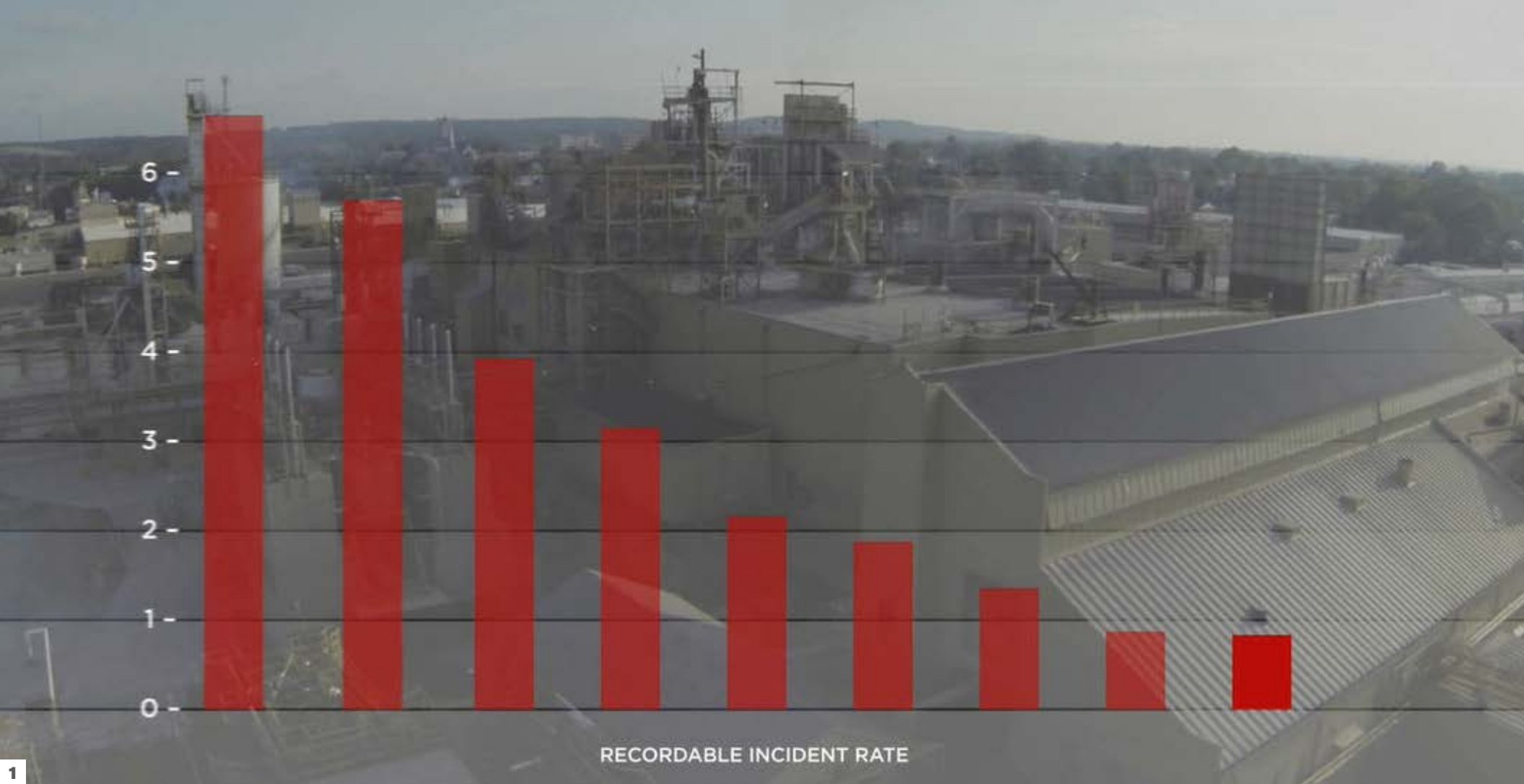


**“Owens Corning’s commitment to safety is grounded in a fundamental caring for our people, in our people caring for one another. Employees work in ways that demonstrate they want each and every one of their coworkers to return home as healthy as they came to work.”**

**Doug Pontsler**

Vice President of Environment, Health and Safety and Operations Sustainability | Toledo, Ohio, U.S.

- 2 | Lock Tag Try protects employees from exposure to hazardous energy.
- 3 | Personal Protective Equipment (PPE) protects our people.
- 4 | Regular safety training also occurs in daily safety huddles.





# IMPROVING WELLBEING

At Owens Corning, we care about each other. We want all employees to enjoy safe, healthy, productive and engaged lives – at home and at work.



1

## Get The Fat Out

Some 1,405 OC employees at 35 sites across the United States, Mexico and Canada took part in the 2014 Fat Out challenge. From Feb. 1 to May 1, they lost a total of 8,641 pounds, changing their body fat by an average of 5.3%. The total cumulative percentage change in body fat was 7,486%.

Joshua Davis, environmental, health and safety leader at the Nephi plant, joined the Fat Out to set an example for plant employees as well as his 17-year-old daughter.

Joshua's biggest change was his diet. He now eats mostly fresh fruit and vegetables and lean protein. He cut back on portions, carbs and processed foods. He traded soft drinks for water.

And he added exercise – working out five days a week and taking a CrossFit class at the local gym. To boost a change in body fat, Joshua started lifting weights three times a week.

“Eating healthy and working out is a part of my lifestyle,” Joshua said. “If I don't work out, I miss it. If I'm traveling for work, the one thing I look for in a hotel is if it has a gym.”

When the Fat Out started, the Nephi plant set the expectation that everyone should participate. “We know that being healthy relates to being safe, and we're celebrating three years being injury free,” Joshua said.

“We like to have fun and compete with each other,” he added. The plant posted who was in the lead to fuel the competition.



2

1 | World Headquarters Fat Out winners (from left): Zach Maiden, Josh Bostwick, Stephanie Gilmore, Brad Walch, Nicole Curtis, and Leah Abouahmed.

2 | Taloja employees released heart-shaped balloons during the pOCitive pulse kickoff.

To encourage employees, the plant arranged for a local farmers market to drop off fruit twice a week for employees to eat on their break. It also subsidized gym fees.

Monique Parker, EHS leader at the Jackson plant, attributed the plant's high participation rate to the employees' competitive nature. In fact, employees were still motivated by the success of last year's Fat Out group, who lost weight and maintained the loss.

"We had a lot more energy around participating in this year's program," she explained. Earning a Healthy Living credit was another reason to take part in the Fat Out.

Monique said there were several ways employees succeeded. First, they changed their diet – watching what and how much they ate. Some replaced meals with juicing. People also started to walk regularly and become more active.

Many participants used the plant's fitness center and its treadmills, elliptical machines and weights.

Employees working the night shift found that it was easier to control eating, Monique noted. You have fewer food options. Night shift employees normally pack a lunch and snacks, so they control what they consume.

Because the plant is a 24/7 operation, contest weigh-ins were held throughout an entire week. Monique believes that gave people plenty of opportunity to participate.

### OC India Begins Wellness Program

"We should take responsibility for our own health and make physical activity an integral part of our lifestyle," Anindya Ghosh, managing director, India, told Powai employees. He challenged them to find the time for physical exercise.

Owens Corning India has launched a new wellness program: pOCitive pulse. The program kicked off with events at each site. India's wellness team will follow up with a series of activities throughout the year. Each

month will focus on a different health theme with related activities. These include fat loss, stress, preventive health screenings, fitness and sports competitions, and office ergonomics.

Dr. Balchandra Pedhambkar, occupational physician, said that wellness is more than being free of illness. "pOCitive pulse is a sincere effort by Owens Corning to enable its employees to take charge of their health."

During the program kickoff, all employees received a pocket wellness card with basic health targets. Powai office employees were able to visit their new health activity room, where they can exercise during their work day. The plant's program will extend to family members.

Sanjay Rao, India human resources leader, said, "The wellness program focuses on the positive spectrum of health. It is designed to support the adoption of healthy habits by employees who want to improve their own health and fitness levels on a consistent basis."

### Ready. Set. Walk!

The eight-week 2014 Global Walking Challenge celebrated Owens Corning's commitment to the health and wellness of its employees.

Some 3,261 walkers, or 21 percent of OC employees, joined the effort. Of those participants, 61 percent were dedicated enough to track their steps all eight weeks of the challenge.

"This program was all about the health of our employees," said Mark Snyder, director of health, wellness and benefits.

### Pay it Forward

In many locations, Owens Corning plant volunteers are directly involved in providing health education to their local communities. At our Thimmapur, India, plant, employees including the plant doctor conducted health environment awareness programs in local villages, offering health tips, education and training, and instruction on disease prevention. They also offered an eye camp

where doctors did eye exams and provided eyeglasses, medicines, and other treatments to villagers, along with counseling on subsequent treatment options and needs.

At our Taloja, India, plant, employees also conducted an eye camp where they educated local villagers about cataracts and glaucoma, and discussed prevention techniques. In order to make health facilities available to the villagers, doctor visits are done weekly at two villages, Koyनावे and Ghotgaon.

**"It's an attitude. It means respecting and taking care of your body and mind."**

**Dr. Balchandra Pedhambkar**

Occupational Physician | India



*Dr. Pedhambkar reviewing Global Challenge goals with employees in Taloja.*

# THE PATH FORWARD:

## Q&A WITH THE CHIEF SUSTAINABILITY OFFICER

As Owens Corning's Chief Sustainability Officer, I'd like to add some personal context to our sustainability report by answering some of the more commonly asked questions.

### **What are the sustainability challenges facing Owens Corning and our industry?**

**Industry in general has a great opportunity to increase the sustainability of its operations and of the solutions we choose to develop and offer to the marketplace. Specific examples of challenges for Owens Corning include:**

- Developing affordable on-site and off-site renewable energy sources for our facilities
- Increasing the recycle or upcycle of waste materials to eliminate unnecessary landfilling
- Accelerating development, adoption and enforcement of energy efficiency and climate policy
- Developing and executing strategies to minimize the footprint of our total supply chain
- Attaining our goal of living safely – an environment of zero injuries and holistic wellness

### **What are Owens Corning's sustainability priorities for the short and long-term?**

#### **In the short-term,**

- Formulate our next set of sustainability goals, based on climate science, and position ourselves to attain those aggressive goals
- Develop the methodology for accurately measuring, and strategies for expanding, our "handprint" - with the aspiration of operating a net-positive company
- Enhance our stakeholder engagement processes to better inform our strategies and identify additional collaboration opportunities
- Expand our partnerships with goal-aligned academic and government research institutions
- Eliminate all injuries, at work and at home, and elevate our results in employee wellbeing

#### **Over the long-term,**

- Grow our company while shrinking our footprint and expanding our handprint
- Achieve our vision of operating a net-positive company
- March down the road to zero – zero waste, zero injuries, zero emissions
- Collaborate with our supply chain partners to improve the total life-cycle impact of our products
- Expand our impact and value through our building science expertise
- Leverage the very positive community engagement learnings of our new Gastonia, North Carolina, U.S., greenfield plant as a template for entering future communities

## **As the world is moving to a more regulated market with REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) and The Montreal Protocol on Substances that Deplete the Ozone Layer, what is Owens Corning doing to respond to this request?**

**We are active in this area across many dimensions, for example:**

- Measuring the relative sustainability gain or loss from all new product and process developments, with a goal of continuous improvement (relative to the incumbent solution)
- Using innovation and transparent disclosures to continuously improve the life cycle impact of our products
- Maintaining a contemporary “materials of concern” process to inform decision making

## **From an economic and environmental perspective, how does Owens Corning influence what is happening in the world?**

**A key tenet of our sustainability strategy is “Innovation and collaboration to deliver energy efficiency and durable material solutions at scale”.**

**This comes to life through:**

- Enabling more energy efficient and durable buildings and infrastructure through industry-leading building science and material science
- Collaborating broadly, up and down the supply chain, to increase energy efficiency, accelerate renewable energy adoption and transform traditional material systems to stronger, more durable and lighter solutions
- Sharing our views with policy makers on practical approaches that make a material difference
- Advocating for global policy to put a value on carbon

## **From a social perspective, what does Owens Corning feel is the biggest influence?**

**Our leadership is most needed, and most impactful on:**

- Ensuring the safety and wellbeing of our employees, their families and our global community



**Frank O'Brien-Bernini**

Vice President and Chief Sustainability Officer | Granville, Ohio, U.S.

Standard Disclosures

Strategy and Analysis

Indicator	Description	Related materials	Level of reporting	Reference
1.1	CEO Statement		F	Page <a href="#">05</a> , <a href="#">06</a>
1.2	Key Impacts, Risks, Opportunities	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a> <a href="#">CDP 2015 Climate Change 2015 Information Request</a> <a href="#">CDP Water 2015 Response</a>	F	Page <a href="#">05</a> , <a href="#">06</a>

Organizational Profile

Indicator	Description	Related materials	Level of reporting	Reference
2.1	Name of the organization	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.2	Primary Brands, Services	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.3	Operational Structure	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.4	Headquarters	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.5	Countries of Operation	Owens Corning Location Map	F	Page <a href="#">08</a>
2.6	Legal Form		F	Page <a href="#">08</a>
2.7	Markets Served	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.8	Scale of Organization	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">08</a>
2.9	Significant Changes		F	Page <a href="#">08</a>
2.10	Awards Received		F	Page <a href="#">12</a>
4.14	Stakeholders Engaged		F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a>
4.16	Stakeholder Engagement		F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a>



Indicator	Description	Related materials	Level of reporting	Reference
EC2	Climate Change Financial Risk		F	Page <a href="#">22</a>
EC8	Local Investment Impact	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a> Thimmapur Need Assessment Study Report Taloja Need Assessment Study Report UWM Thimmapur Proposal UWM Taloja Proposal	F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a>
EC9	EC9 Indirect Economic Impacts	<a href="#">2015 10K Annual Filing</a> <a href="#">2015 10K Annual Filing Amended</a>	F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a>
EN1	Materials Used	Division 7 e-book	F	Page <a href="#">22</a>
EN2	Use of Recycled Input	Division 7 e-book	F	Page <a href="#">22</a>
EN3	Direct Energy Use		F	Page <a href="#">14</a>
EN10	Water Reused		F	Page <a href="#">16</a>
EN12	Impact on Biodiversity	Supplier Code of Conduct	F	Page <a href="#">21</a>
EN13	Restored Habitats		F	Page <a href="#">21</a>
EN14	Biodiversity Strategy		F	Page <a href="#">21</a>
EN15	Endangered Species		F	Page <a href="#">21</a>
EN22	Total Waste		F	Page <a href="#">18</a>
SO9	Negative Impacts		F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a>
LA1	Total Workforce		F	Page <a href="#">32</a>
LA6	Health & Safety Committees		F	Page <a href="#">34</a>
LA7	Injury Fatality Rates		F	Page <a href="#">34</a>
LA8	Disease Education Programs		F	Page <a href="#">24</a> , <a href="#">27</a> , <a href="#">28</a> , <a href="#">30</a> , <a href="#">36</a>

Visit <http://sustainability.owenscorning.com> for the full 2014 report.



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