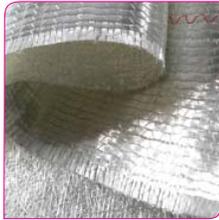




INNOVATIONS FOR LIVING®



# SUSTAINABILITY

at **OWENS CORNING**

2007 PROGRESS REPORT



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Readers are invited to provide feedback on how we can make future reports as informative as possible by contacting Frank O'Brien-Bernini, Owens Corning Chief Sustainability Officer at [sustainability@owenscorning.com](mailto:sustainability@owenscorning.com).



Sustainability is very important at Owens Corning. Beyond an initiative, sustainability is a core strategy of our company.

We define sustainability as meeting the needs of the present without compromising the world that we leave to the future. This approach to business energizes our people, creates growth opportunities for our customers and drives value for our shareholders.

Sustainability comes naturally to Owens Corning. Our commitment to the safety of our employees is a natural outgrowth of our desire to create a caring workplace. Our commitment to reduce the environmental footprint and energy intensity of our manufacturing facilities is a natural outgrowth of our desire to run efficient facilities that continually reduce waste. And, our commitment to produce useful products that benefit our customers and our world is a natural outgrowth of our intent to win in the market.

## Sustainability is a **CORE STRATEGY**

We made significant progress on our sustainability strategy in 2007. We improved the safety of our operations and reduced the number of Owens Corning employees that were injured. Since 2002, we have reduced the rate of injuries in our company by 75 percent. We are proud of this progress, but there is more to do. Our goal is to create a company of zero injuries. When we set this goal, it seemed unattainable. Today, the majority of our facilities are operating injury free. We won't stop until we can say this same thing about our global enterprise.

We continue to improve the energy efficiency of our operations. Each year, we establish a pool of capital that is earmarked exclusively for investment in the energy-reduction ideas of our people. When we initiated this program, we knew that good ideas would follow. I expected that, with time, the returns would diminish as we "picked the low-hanging fruit." I am pleased to report that we

continue to see a strong pipeline of good ideas that will reduce our consumption of energy and provide us with the associated benefits of reducing combustion-related emissions.

Moreover, we invested in the development and marketing of products that help Owens Corning customers grow their businesses by capitalizing on the world's need for sustainable growth and development. We are actively "telling the story" of our insulation products that provide a compelling answer to the world's need for cost-effective renewable energy. Simply said, the cheapest and most sustainable energy is energy that is saved by never using it at all.

The sustainability impact of our products is valued beyond insulation. Our composites business makes fiberglass reinforcements that enable opportunities such as more fuel-efficient transportation and more durable infrastructure. With the 2007 acquisition of the Saint-Gobain reinforcements and composite fabrics businesses, we have dramatically expanded this business on a global basis. In doing so, we are now wonderfully positioned to accelerate our growth in the wind energy sector and help these customers continue to improve the cost competitiveness of this critical source of renewable energy.

As with any other critical business strategy, successful execution requires commitment of resources and management priority. I was proud to appoint our first full-time chief sustainability officer in the fall of 2007. I am also pleased that our Board of Directors has incorporated the achievement of sustainability goals into our management compensation programs.

At Owens Corning, we know we can meet the needs of the present without compromising the world we leave to the future.

**Michael H. Thaman**  
Chairman and Chief Executive Officer

## Our Goal is to Become a **TRULY SUSTAINABLE COMPANY**



Sustainability is the term we use at Owens Corning to describe our commitment to operating our business with three balanced outcomes: economic growth, environmental stewardship and social progress.

To accomplish that, we focus on three strategic initiatives:

- 1 Greening our operations – achieving specific environmental footprint reductions**
- 2 Greening our products – continuously improving the life-cycle impact of our products**
- 3 Accelerating energy efficiency improvements in the built environment**

This past year has been exciting and challenging. We achieved progress in sustainability while the operations of our company changed significantly. Owens Corning completed a major acquisition that added 19 manufacturing facilities around the world, and divestitures that included five manufacturing facilities in North America. Concurrently, we managed volume reductions in our building materials manufacturing operations to stay ahead of declining North American construction activity.

We amplified our commitment to sustainability through organizational structure and focus, working closely with our customers to drive the market's demand for energy efficiency and a greener built environment. The emerging opportunities we see every day fuel our ambitions and boost our resolve. I am proud that the products Owens Corning produces have a significant positive impact on our environment. Building insulation, for example, is one of the most cost-effective energy and greenhouse-gas reduction technologies in the world. Owens Corning is also the

world's largest supplier of glass reinforcements for wind turbine blades – a growing source of renewable energy. At the same time, the employees of Owens Corning are engaged in hundreds of critical activities to further reduce the environmental footprint of our expanded global operations. This is proving to be an awesome opportunity to leverage the additional expertise at our newly acquired facilities to ensure that Owens Corning accelerates its success in energy intensity and emissions reductions.

Sustainability at Owens Corning is a journey of continuous improvement. We have much to learn and many improvements to make. While we are pleased with our progress, we have much more to achieve.

This report accurately reflects our achievements, while also showing both ourselves and the outside world areas where we can do better. We have much work to do to capture the enormous potential that lies ahead – and we are committed to this in our ambition to become a truly sustainable company.

As we work towards becoming a truly sustainable company, we will continue to report on our progress. To that end, we will roll out a new/expanded section of our Web site (<http://www.owenscorning.com/sustainability/>) to share up-to-date information on our challenges, roadblocks, achievements and opportunities. We also welcome and encourage comments on this site and I am personally interested in hearing from others at [sustainability@owenscorning.com](mailto:sustainability@owenscorning.com).

A handwritten signature in black ink that reads "Frank O'Brien-Bernini".

**Frank O'Brien-Bernini**  
Chief Sustainability Officer



## Sustainability at Owens Corning is a **WORK IN PROGRESS**

*Sustainability is at the heart of Owens Corning's stated purpose:*

- *Delivering Solutions*
- *Transforming Markets*
- *Enhancing Lives*

*We are committed to operating with three balanced outcomes:*

- *Economic Growth*
- *Environmental Stewardship*
- *Social Progress*

This is our second progress report on sustainability at Owens Corning. Our initial report served an important function for Owens Corning and its people because it expressed the company's commitment to the concept of sustainability and made a public declaration of our pledge to continue making progress. The company had already put a stake in the ground by quantifying its performance and setting goals for improvement. The first report made that promise visible for all to see, both inside and outside the company.

This second report includes more data, further describes the company's strengths and progress, and highlights areas where there are needs for improvement.

Owens Corning aspires to have a net positive impact on the environment. We believe that the world is a better place thanks to our many products and services that help conserve energy and other precious resources.

Owens Corning began "greening" its facilities long before the term was coined, and it also has a heritage of community service. Those efforts are continuing with a heightened sense of urgency.

The company is working hard to reduce its environmental footprint, but progress won't come easy. There remains much work to be done.

Reflecting our approach to sustainability, this report is organized in three sections:

- **Products and Services:** Outlining our everyday work in delivering energy-saving products to the marketplace, as well as explaining how we are using our knowledge and expertise to help create a sustainable future
- **Operations:** Providing an account of our current impact on the environment and reporting our plans for progress; it also discusses how we are protecting the safety and health of our employees
- **People and Communities:** Highlighting our contributions and other efforts to help people and communities

In publishing this report, we acknowledge that we should be held accountable for everything we do.

**SAVING THE PLANET ONE ATTIC AT A TIME.**

**PINK FIBERGLAS® Loosefill Insulation**  
18.25

**PINK FIBERGLAS® Batt/Roll Insulation**  
15.5

IT'S EASY. TAKE THIS RULER HOME TONIGHT AND GET STARTED.

**STEP 1**

**STEP 2**

**STEP 3**

**STEP 4**

**STEP 5**

If you already have the measure of insulation in your attic, visit [www.owenscorning.com](http://www.owenscorning.com) for your photo and your Certificate of Measure today.

**Green**

the Money

.com



## PRODUCTS AND SERVICES

### THE NEED

Buildings are the largest user of energy in all of the developed world and the largest contributor to greenhouse gas emissions – more than industry or transportation.

According to the U.S. Department of Energy (DOE), approximately 60 million homes in the U.S. are estimated to be under insulated. Those under-insulated homes put more than 62 billion pounds of CO<sub>2</sub> into the atmosphere each year!<sup>1</sup>

Building insulation is the single most cost-effective greenhouse gas abatement measure, according to a recent report from McKinsey & Company.<sup>2</sup> By adding insulation, homeowners can make their homes greener while also saving money.

### OUR APPROACH

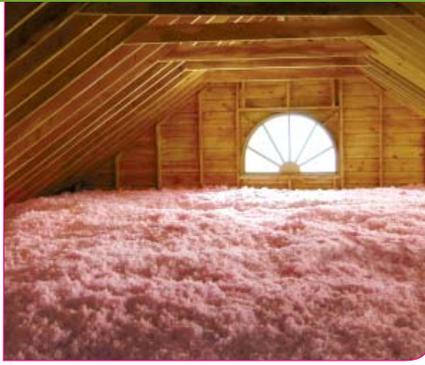
Owens Corning's commitment to helping protect the environment starts with our energy-saving products and services.

We manufacture building materials that save energy, reduce reliance on fossil fuels and decrease greenhouse gas emissions around the world. We also make glass fiber reinforcements that are combined with polymers to create strong and durable composite materials with many benefits, including corrosion resistance and fuel-saving vehicle weight reductions. Among the thousands of applications for composite materials is their use in blades for wind turbines that generate electricity.

Product stewardship is an integral part of our development efforts. This process enables us to assure our stakeholders that our products are safe in manufacturing, use and disposal. We have carried out more than 450 product stewardship reviews during the past 10 years.

<sup>1</sup> Estimated 60 million under-insulated homes in 2006 based upon a 2003 Harvard School of Public Health study. The Public Health Benefits of Insulation Retrofits in Existing Housing in the United States. CO<sub>2</sub> emissions calculation based on an average attic size of 1700 sq. ft. with existing R-19 insulation, averaged over seven cities in diverse climate regions.

<sup>2</sup> "A cost curve for greenhouse gas reduction," The McKinsey Quarterly, 2007, The McKinsey Global Institute



Owens Corning has established a Life-Cycle Management Group that is responsible for performing and managing life-cycle assessments and their applications for products. We incorporate a sustainable life-cycle approach into all aspects of product design – from raw material selection through manufacturing, delivery, use, re-use, recycling or disposal. During the past two years, Owens Corning has performed full life-cycle assessments on its R-13 Fiberglas™ insulation, Foamular® sheathing, Cultured Stone® manufactured stone veneer and Advantex® glass. More than 15 other product and system applications have also been examined using life-cycle tools.

### **OUR IMPACT: BALANCED BY BENEFITS**

Many of Owens Corning products have a positive impact on the environment. We make products that provide considerably more environmental benefits than the impact their manufacturing process may have on our ecosystems.

As one example, fiberglass insulation saves 12 times as much energy in its first year in place as the energy used to produce it. That means that the energy consumed during manufacturing is saved during the first four to five weeks of product use. The insulation continues to save energy at that rate throughout the life of the home or building in which it is installed.

### **PERFORMANCE FOR LIFE**

In addition to sophisticated and accredited agency tests to assure our products will perform for life, we periodically evaluate products that have been in place for long periods of time. For example, a long-term durability test was conducted recently when an employee removed old insulation from her home. She found Fiberglas™ insulation in a wall and sent it to the Owens Corning Science and Technology Center in Granville, Ohio. It was tested, determined to be 50 years old and found not to have lost any of its thermal performance. Through testing, the insulation was shown to provide an R-value of 11 and was still performing at, or above, what one would expect – even after 50 years.





## AttiCat™ SYSTEM

Owens Corning launched an innovative insulating system in 2007 that makes it easier for a homeowner to upgrade the insulation in their home's attic. The AttiCat™ Expanding Blown-In Insulation System uses lightweight and user-friendly equipment to deliver compact fiberglass insulation to the attic through a hose. The AttiCat system is available at retail outlets as a rental for Do-It-Yourself customers. It is also being used by contractors as an alternative to traditional blow-in insulation equipment that is heavier and more expensive.

## ASSURED PERFORMANCE

Third-party certification helps us to ensure we produce our products correctly and in the most responsible way. It allows us to measure ourselves and continually improve. Third-party certification is also an important way for customers to confidently evaluate products and make choices.

Many of our products are GREENGUARD® Indoor Air Quality Certified™. GREENGUARD® certification is awarded to products that meet indoor air quality standards set by the GREENGUARD® Environmental Institute. Owens Corning has had products in the program since 2002 and added several more in 2007.

Additions to GREENGUARD® certified products and GREENGUARD® Children and Schools certifications include:

- QuietZone® acoustic panels
- A new category of air-handling products, including ductboard, duct liner, duct liner board and rotary duct liner
- Metal building insulation products
- Fiberglas™ pipe insulation including faced pipe insulation
- Evolution™ faced pipe insulation, which also was awarded the GREENGUARD® Website listing as microbial resistant





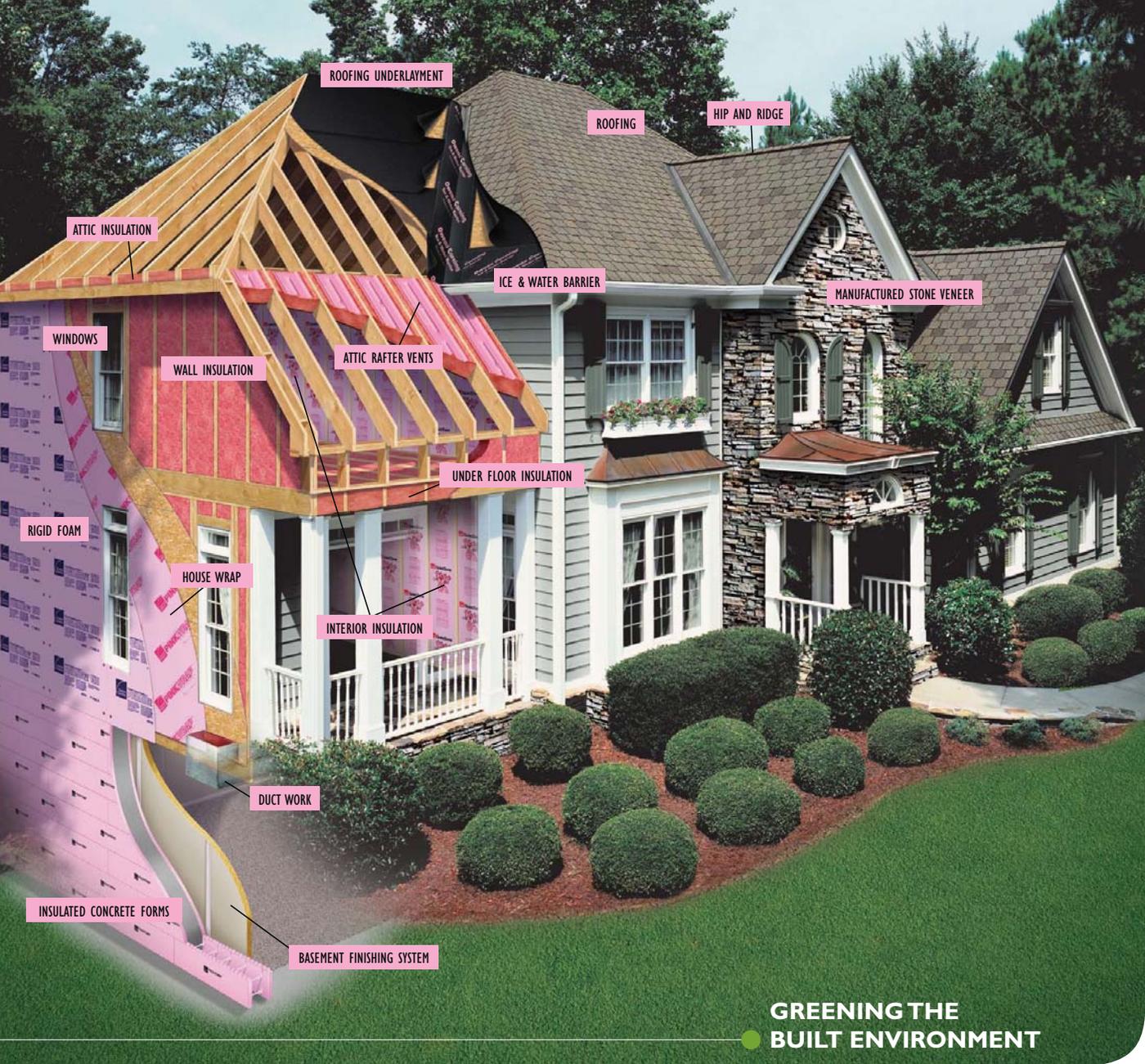
## GLASS FIBER REINFORCEMENTS

Owens Corning has enhanced its ability to serve the global composites market by acquiring Saint-Gobain's reinforcements and composite fabrics businesses. Owens Corning is now combining its existing and newly-acquired composites talent and assets to serve the market more efficiently.

Glass fiber reinforcements are used in thousands of applications that require strength and durability. When glass fiber reinforcements are combined with resins or other materials, the resulting composite possesses an extraordinary combination of properties including light weight, stiffness, dimensional stability and resistance to corrosion. These properties are required in applications like boats, cars, appliances, bridges, electronic equipment and blades for wind turbines.

The properties of our reinforcements contribute to sustainability by helping our customers make products that save energy and produce renewable energy, as well as have long useful lives.





## GREENING THE BUILT ENVIRONMENT



Owens Corning assembled a sustainable communities team that is working to change the design and construction of buildings, as well as entire campuses, neighborhoods and communities. Our goal is to increase the thermal quality of buildings by 50 percent above code for energy efficiency. This is being accomplished through our involvement in community integrated projects that deliver results; customer green building partnerships that create value; and making sure our sales people and customers have what they need to promote energy efficiency in buildings, campuses, neighborhoods and communities.

The sustainable communities team takes a holistic view of environmental engagement. Instead of focusing only on the energy use and the environmental footprint of an individual home or commercial building, they work in partnership with our customers to improve the sustainability of entire communities. This approach has many benefits including the scale necessary for concepts like district heating or cooling, and combined heat and power systems. Sustainable communities are large enough to justify a central system to heat or cool the community and provide domestic hot water. If the community includes a combined heat and power system, it can also generate electricity. Beyond efficient buildings, this allows further significant energy and greenhouse gas reductions.

Owens Corning has a long history of advancing the progress in energy-efficient design and construction. The most recent example is our involvement in the development of a new multi-purpose sports arena in Toledo, Ohio. Members of the Sustainable Communities team worked with the arena design team to improve the building's energy performance using our expertise in building science and energy use simulation. That project is currently under construction and the facility is expected to be 20 to 30 percent more energy efficient than other arena's in the U.S.

years without any increase in energy use. A critical aspect of that community's plan is the combination of energy efficient buildings with a utility for delivering both heat and electricity. Similar projects are underway in other parts of the world including Urumqi, China.

These projects will provide meaningful examples of best practices for architects and developers striving to meet the American Institute of Architects' (AIA) 2030 Challenge. Adopted by the AIA in 2006, the 2030 Challenge has ambitious targets for reduced energy use and greenhouse gas emissions. The ultimate goal is to make the new and existing building stock carbon neutral by the year 2030.

Our sustainable communities team is also working with the city of Guelph, Ontario, Canada, to achieve their expected population growth of 50 percent in the next 25



# OUR OPERATIONS

## THE NEED

At Owens Corning, we feel an urgent and ongoing need to:

- Protect our employees' health and safety
- Operate our businesses in ways that meet the need of the present without compromising the world we leave to the future

While we are making progress, there is more we must do on both of these fronts and we are working hard to identify and learn from best practices in these fields.

## OUR APPROACH

We understand the complete environmental impact of our manufacturing facilities, beginning with the processing of raw materials through the consumption of resources during production and the resulting emissions.

Since 1993, Owens Corning has been committed to an operating philosophy of Corporate Stewardship, operating its manufacturing plants in a manner that protects the environment and the health of its employees and neighbors. We ask our employees around the world to be committed to safeguarding, sustaining and improving the environment for the benefit of current and future generations.

Our processes continue to have opportunities for improvement. We are investing in the development of innovations that drive step-change progress in our company and minimize air pollutants at the source.

## OUR STAND ON SAFETY & COMMITMENT TO EMPLOYEES

In 2003, Owens Corning took a stand and declared that "our commitment to safety is unconditional."

Our philosophy holds that all accidents are preventable, safety is everyone's responsibility and working safely is a condition of employment. Our goal is zero injuries.

The acceptance of responsibility by everyone in the organization has substantially reduced our rate of incidents in recent years. In 2007, our recordable incident rate (RIR) was 1.37, a 28 percent decrease from the 2006 RIR of 1.90. We had 147 fewer injuries last year – 264 recordable injuries in 2007 versus 411 in 2006. There were no fatalities. Sixty-eight of our 131 facilities went the entire year without a recordable injury.

We have not yet met our goal of zero injuries. We have taken significant steps to address our weaknesses and are determined to learn from the past.

## OUR PROGRESS



**Our Commitment to Safety is Unconditional**

## VPP STAR SITES

In 2007, two Owens Corning facilities were accepted into the Voluntary Protection Program (VPP) sponsored by the U.S. Department of Labor's Occupational Safety & Health Administration (OSHA). The plants in Brookville, Ind., and Linnton, Ore., were the first Owens Corning facilities to be granted VPP Star status under the program.

Work sites that achieve VPP Star status must pass a rigorous on-site evaluation by a team of OSHA safety and health experts. Of the millions of work sites in the U.S., fewer than 1,800 have been accepted into VPP.

Brookville is a roofing plant with about 90 full-time employees. Linnton is an asphalt processing facility with about 15 employees. Linnton is the only asphalt manufacturing facility in the U.S. to achieve VPP Star status and only the 16th VPP Star site in Oregon.

## INDUSTRY OUTREACH

As a result of a tragic fatal incident at an Owens Corning facility in 2005, a leader who investigated the incident vowed to do everything he could to prevent a similar accident from occurring again – not only at Owens Corning, but at all glass fiber mat manufacturers. His pledge led to a safety summit for the glass fiber mat industry in 2007.

Held in Atlanta, Ga., the summit included representatives from all of the major glass fiber mat producers. Attendees established and began work on a list of 30 action items. They also agreed to an outcome: "No one ever gets hurt on a mat machine again – period!"

## DIVERSITY

Diversity at Owens Corning is about becoming a stronger team by leveraging the power of our individual differences. With this mindset, the company strives to recognize, respect and appreciate individual differences in its employees, customers, partners and suppliers.



Owens Corning was recognized by the Human Rights Campaign Foundation for the fourth year in a row as part of its Corporate Equality Index Best Places to Work.

## EMPLOYEE ENGAGEMENT

For the sixth consecutive year, Owens Corning employees answered a series of questions created to measure a company's efforts to build a safe, engaging and productive work environment. The Owens Corning "grand mean" came in at 4.0 out of a possible 5.0, up 0.05 points from 2006. Scores on all survey questions increased slightly year-over-year.

The Engagement Index Ratio – a measure of the number of engaged to actively disengaged employees – improved slightly to 3.8-to-1 (3.8 engaged for every one actively disengaged employee). At a 4-to-1 ratio, the actions of the actively disengaged start to be neutralized by the voice of the larger engaged population. This same survey is conducted with many companies around the world, and Owens Corning ranked at the 59th percentile in 2007, down from the 60th in 2006.

This year-over-year decline, viewed in the context of an essentially flat grand mean score, suggests that other companies are improving their work environments at a faster rate than Owens Corning.

An area of opportunity for improvement is our turnover rate, which last year was 32 percent including our divestitures, facility closings and restructuring. Without the divestitures, closings and restructuring, our turnover rate was 14 percent.





## MEETING TODAY'S NEEDS WITHOUT COMPROMISING THE WORLD WE LEAVE FOR THE FUTURE

### OUR FOOTPRINT

Owens Corning is committed to continuous reduction of resource use and environmental emissions from its operations. For our business there are seven key aspects that we focus on:

- Energy
- Water
- Greenhouse Gases (GHG)
- Particulate Matter (PM)
- Volatile Organic Compounds (VOC)
- Waste-to-Landfill
- Nitrogen Oxides (NOx)

In our 2006 report, we communicated our aggressive 10-year reduction goals from a 2002 baseline for our resource use and environmental emissions, normalized to product output, which we refer to as "intensity." During 2007, we changed our operations considerably with the acquisition of Saint-Gobain's reinforcements and composite fabrics businesses, and the divestitures of our Siding Solutions and Fabwel business units. All periods presented in the footprint have been adjusted to reflect those changes. This has affected the comparability of our current footprint in the prior year's report.

During 2007, we met our 2012 reduction goals for **NOx**, **PM** and **water** with aggressive reduction programs. We will continue to work on further reductions in these areas; however, we will be shifting our focus to our other aspects, most notably GHG.

At the end of 2007, Owens Corning was more than half way to meeting its reduction goal of global **energy** intensity. We made major improvements to our manufacturing processes through innovations and capital investments to achieve these results.

The benefits of these projects were partially offset by the recent decrease in capacity utilization in our building materials businesses due to a downturn in the U.S. housing market. We expect to meet our 2012 reduction goal with a continued focus on new technologies.

Our **GHG** emissions intensity increased from 2002 to 2007 primarily due to an increase in the production of foam products that currently use HCFC blowing agents. This increase was partially offset by reductions in energy use over the period.





Our new blowing agent technology will reduce GHG emissions by approximately 70 percent at the foam facilities that will be converting. Implementing this technology will contribute to future reductions, but we still have a significant challenge in meeting our 2012 goal.

We were able to achieve nominal reductions in our **VOC** emission intensity from 2002 to 2007, primarily through technology improvements in our composite sizing and insulation manufacturing processes. These reductions were hindered by our inability to reduce volatile organic compounds at the same rate as the decline in production output in our roofing and asphalt business, thus increasing our intensity. We will continue to implement technology improvements to achieve reductions. We have a significant risk of not meeting our 2012 goal without further improvements throughout our operations.

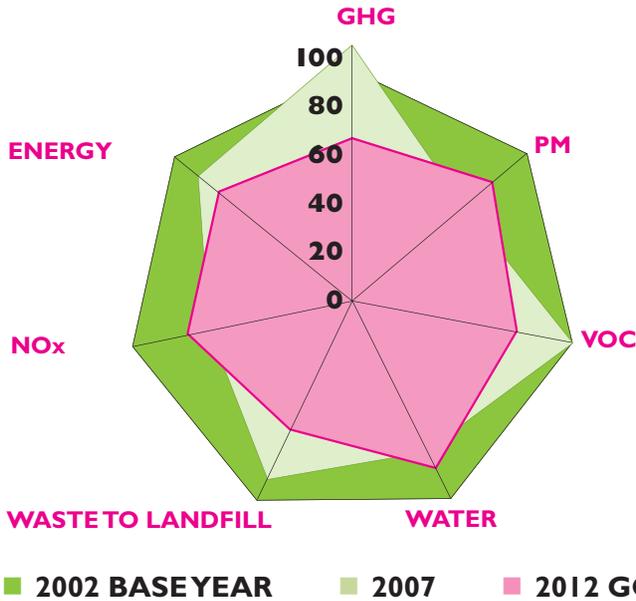
We have made progress in reducing the intensity of our **waste-to-landfill** from 2002 to 2007. We will be challenged to deliver further reductions through 2012, but believe we can meet this goal through increased productivity in our manufacturing processes and an increased effort to recycle and reuse our waste.

We have improved our data integrity from the prior report and made appropriate changes to the footprint baseline and current information. We will continually improve our data collection process and analysis. We will disclose any changes to our information in future reports.

Our seven aspects are shown in the footprint graphic below. The baseline year of 2002 is shown as the outside border of the spider chart, representing 100 percent of each aspect. The pink center footprint indicates our 10-year intensity goals. The light green footprint represents our status at the end of 2007.

In summary, the chart indicates that: we are making solid progress toward our energy and waste to landfill goals; we have already met our NOx, PM, and water goals; and we are facing a challenge in meeting our GHG and VOC goals.

## EMISSIONS AND RESOURCE FOOTPRINT



**Normalized Emissions<sup>1</sup>:**  
Owens Corning has set 2012 Reduction goals against the base year 2002 as follows:

GHG	30%
PM	20%
VOC	25%
Water	15%
Waste to Landfill	35%
NOx	25%
Energy	25%

<sup>1</sup>Intensity is normalized based on product output.

### ABSOLUTE ENVIRONMENTAL IMPACTS

YEAR	GHG (millions of TPY)	PM (thousands of TPY)	VOC (thousands of TPY)	WATER (billions of GAL)	WASTE TO LANDFILL (thousands of TPY)	NOx (thousands of TPY)	ENERGY (millions of Mwh)
2002	6.6	4.7	2.8	4.0	384.2	7.8	10.7
2007	8.2	3.2	3.1	3.9	386.4	6.2	10.6

This table shows the absolute values of the monitored parameters in 2002 and 2007.

#### LEGEND

- GHG** – Greenhouse gases – defined as gases which contribute toward the greenhouse effect, including carbon dioxide, methane, nitrous oxide and HCFCs including GHG from our energy suppliers
- PM** – Particulate matter defined and reported according to regional government requirements
- VOC** – Volatile organic compounds – primarily hydrocarbons
- Water** – Water that enters the plant – sources include local utilities and wells
- NOx** – Nitrogen oxides
- Energy** – Electric power, natural gas, fuel oil
- TPY** – Tons per year
- GAL** – Gallons
- Mwh** – Megawatt hours

CONTRIBUTORS	2007 RESULT	HIGHLIGHTS
<p><b>ENERGY</b></p> <p>A major use of energy for Owens Corning is its glass melting process and asphalt processing. We have 65 glass melting furnaces globally and 14 asphalt processing plants.</p>		<p><i>Reductions achieved through:</i></p> <ul style="list-style-type: none"> <li>• Engaged energy team implementing projects and process improvements</li> <li>• Partnership with energy audits identifying projects implemented for energy reductions</li> <li>• Continuous improvement utilizing capital projects for lighting, variable speed drives and insulation</li> <li>• Major new technologies including advanced glass melting and oxygen fuel technology for furnaces</li> <li>• Productivity projects that increase production output efficiencies</li> </ul>
<p><b>GREENHOUSE GASES</b></p> <p>Major contributors to GHG emissions are blowing agents used for foam production, combusting fuels in melting process and other energy use (indirect).</p>		<p>Results were achieved through energy demand reductions that were more than offset by increased production of foam products utilizing HCFC blowing agents.</p>
<p><b>PARTICULATE MATTER</b></p> <p>Major contributors are the glass-melting and fiber-forming processes.</p>		<p>The company has achieved its 2012 goal for PM. Technology improvements in glass melting processes for both insulation and composites drove this reduction.</p>
<p><b>VOLATILE ORGANIC COMPOUNDS</b></p> <p>Major contributors are chemicals in glass fiber forming, sizing process and processing of asphalt.</p>		<p>We have seen challenges in reducing VOCs. We have made nominal reductions through technology improvements in the composite sizing and insulation manufacturing processes; however, we have been unable to reduce VOCs at the same rate as the decline in production output in our roofing and asphalt businesses, thus increasing intensity.</p>
<p><b>WATER</b></p> <p>Major contributor is water for glass forming and sizing process.</p>		<p>We have achieved 2012 goal for water. The major contributor to the result was the reduction of water use in the composites sizing process.</p>
<p><b>WASTE TO LANDFILL</b></p> <p>Major contributors are glass fiber waste and manufactured stone waste.</p>		<p>We have made progress in reducing the intensity for waste to landfill from 2002. The reductions were driven by a waste reduction and recycling effort in the manufactured stone veneer business as well as reductions in glass waste at some composite locations.</p>
<p><b>NOx</b></p> <p>Major contributors are the glass melting process and raw material used.</p>		<p>We have achieved 2012 goal for NOx. The major contributors to the result were the reduction in emissions from the composite business, primarily through the implementation of the advanced glass melting process and raw material optimization in the insulation business.</p>

 Results put goal at high risk

 On track to meet goal

 Met goal

## ADVANTEX® GLASS CONVERSION

Advantex® glass is a proprietary product that significantly improves corrosion resistance while minimizing air pollutants during the manufacturing process for glass fiber reinforcements. Advantex® glass is made with state-of-the-art advanced glass melting technology that was specifically developed for this type of glass and results in a significant reduction in energy use and greenhouse gas emissions. Since the breakthrough formulation was introduced in 1997, more than 80 percent of our reinforcement plants have been converted to Advantex® glass.

In November 2007, Owens Corning added 19 manufacturing plants by acquiring the reinforcements business of Saint-Gobain. We have already started changing the new facilities to Advantex® glass and the first conversion was in Thimmapur, India. Plants in Spain, China and Italy are next and the conversion is expected to be completed by the end of 2009.



## GLOBAL CLIMATE CHANGE

Owens Corning is well positioned to help address global climate change through the increased energy efficiency gained from the use of many of the products it produces and the reduction in GHG emissions that occur when consumers use those products. This is an opportunity for Owens Corning to make a measurable difference in global sustainability. We are committed to reducing GHG intensity from our manufacturing facilities while reducing absolute emissions. In 2007, however, we increased our intensity and absolute emissions of GHG because reductions from energy use were offset by increased foam production that uses HCFC blowing agents.

## HCFC UPDATE

We continued to make progress on our commitment to eliminate HCFCs (hydrochlorofluorocarbons) from our foam products. Our manufacturing plants in North America are on track to eliminate HCFCs before 2010 when the Montreal Protocol calls for a total phase-out. We are installing new blowing agent technology in all of our North American foam-producing facilities that will reduce GHG emissions by approximately 70 percent with zero ozone depletion. The first existing facility slated for conversion is in Valleyfield, Quebec, Canada.

## ON-SITE RENEWABLE ENERGY USE

Owens Corning has established a solar power services agreement with SunEdison to provide solar energy services for its roofing facility in Kearny, N.J. Kearny will become the first Owens Corning manufacturing plant to install a 510 kW photovoltaic (PV) system producing approximately 550 megawatt-hours per year, which is about 10 percent of the site's energy demand. Generating electricity from the PV system allows the Kearny plant to provide energy for its own use in an environmentally friendly way, as well as establish fixed energy pricing during the next 20 years.

Our new plant in Gresham, Ore., will also be the host to a 206 kW PV system producing approximately 200 megawatt-hours per year. Until the plant starts up in 2009, the system will produce 130 percent of the site's consumption of electricity. After the plant begins production, the additional power needed will be purchased from other renewable energy alternatives complimentary to the solar services system in place.

Since the installation was completed in March 2007, the plant improved efficiency in the destruction of pollutants from 95 to 99 percent. It has also reduced the following pollutants:

- Nitrogen oxide compounds – 60 percent
- Carbon monoxide – 30 percent
- VOC – 80 percent
- Sulfur dioxide – 90 percent

## SIGNIFICANT ENVIRONMENTAL ACTIONS

Owens Corning defines a significant environmental action as one in which the cost of fines, penalties, or corrective actions equal or exceed \$100,000 U.S. One of the ways we are working to make sure we have no significant environmental actions is to implement an environmental management system.

In 2007, we had one significant environmental action. Our Kearny, N.J. roofing and asphalt plant had periodic violations of its air permit from 2002 to 2006. The plant had periods of excess emissions and reporting violations during this time.

## NEW EQUIPMENT

The Owens Corning asphalt plant in Kearny is seeing the benefits of a new thermal oxidizer. The equipment uses state-of-the-art technology to reduce NOx compounds and carbon monoxide.

Plant leaders and engineers had proposed installing an incinerator to handle the VOCs from the various tanks, converters and truck loading operations. With agreement from the New Jersey Department of Environmental Protection, the design included the business' first ultra-low NOx burner.

The Kearny asphalt plant took advantage of this opportunity to also become more efficient in steam generation. The design included a waste heat recovery unit, allowing the plant to shut down two older, less-efficient boilers.

## TORONTO WASTE REDUCTION

The Owens Corning insulation plant in Toronto, Ontario, Canada, earned silver recognition at the Recycling Council of Ontario's Waste Minimization Awards in 2007.

In the past five years, excluding internal glass recycling, the Toronto plant has nearly quadrupled the amount of waste being recycled and reused. According to the facility's waste audits, 61 percent of the plant's waste was being diverted from landfill in 2002. This number increased to 76 percent in 2007.

In 1987, when benchmarks were set throughout Owens Corning for the amount of waste going to a landfill, the Toronto plant weighed in at 1.5 million kilograms or 3.2 percent of production. For 2006, the plant recorded a total of only 0.5 million kilograms of waste going to landfill. For 2007, the plant had another banner year at 0.2 million kilograms or 0.2 percent of production.

76%

of the  
*Toronto plant's  
waste was being  
diverted from the  
landfill in 2007*





## NEW FLEET

The Owens Corning sales force replaced its large vehicles with the new Ford Taurus X. This change is a triple win because the vehicles are safer; less expensive to operate each month and produce less GHG emissions by being more fuel efficient. GHG emissions in the fleet of 400 vehicles will be reduced by approximately 20 percent. The new fleet program was accomplished in partnership with our fleet provider PHH, who worked closely with Environmental Defense to develop ways to make vehicle fleets more energy efficient.

## CLIMATE LEADERS PARTNER

Owens Corning became a "Climate Leaders" partner with the U.S. Environmental Protection Agency (EPA) in 2007, joining other companies that have committed to reducing GHG emissions.

The first commitment of a new partner is to develop an inventory of GHG emissions. After that, the company sets an aggressive goal for reducing those emissions over the next two to five years. Owens Corning has proposed a goal of reducing its GHG emission intensity by 25 percent in the U.S. from 2006 to 2012.

## INNOVATIONS IN OPERATIONS

Owens Corning annually honors employees who make significant contributions to innovations that

benefit its customers and the environment. The 2007 celebration was held in November and included the following achievements in operations:

A team at the Aiken, S.C., facility was recognized for work that resulted in significant productivity gains for one of the production lines.

Two facilities shared an award in the category for the facility with the largest waste-to-landfill, energy or emission-reduction percentage.

- At Rio Claro, Brazil, a team achieved a 64 percent reduction in the amount of glass waste being sent to landfill
- In Amarillo, Texas, a team successfully implemented low-cost, oxygen-fired advanced glass melting technology to achieve a 58 percent reduction in NOx emissions

Two other facilities received honorable mention for their footprint reduction achievements

- Napa, Calif., achieved a 46 percent reduction in waste to landfill
- Chester, S.C., achieved a 44 percent reduction in waste to landfill

We fully expect this program to prompt many new positive initiatives.



## PEOPLE AND COMMUNITIES

### OUR IMPACT

#### *Affordable Housing*

As a global leader in building materials and composite solutions, our product innovations can help people in need and restore communities. That's why we have chosen affordable housing as one of our core philanthropic areas of focus. Owens Corning provides supplies for the building and rehabilitation of low-income housing, refurbishing elderly living quarters for those on a low fixed income, community rebuilding projects, revitalizing neighborhood centers and providing disaster relief.

Owens Corning has partnered with Habitat for Humanity, HomeAid and GIFTS IN KIND™ International to help coordinate the receipt and distribution of product donations. During 2007, Owens Corning made 31 donations worth a fair market value of more than \$1 million to 39 charities in 19 states.

Owens Corning employees also get involved in affordable housing by volunteering their services on projects around the world. Recent examples include Habitat for Humanity home builds in India, Mexico and the U.S. A recent success included the Habitat for Humanity "Jimmy Carter Work Project" in Los Angeles, Calif. Owens Corning sent product and volunteers from its plant in Compton, Calif., as well as some of its most avid volunteers in the U.S., to assist in the "Brush with Kindness" initiative. This initiative rehabilitated 70 homes, assisting low-income families.



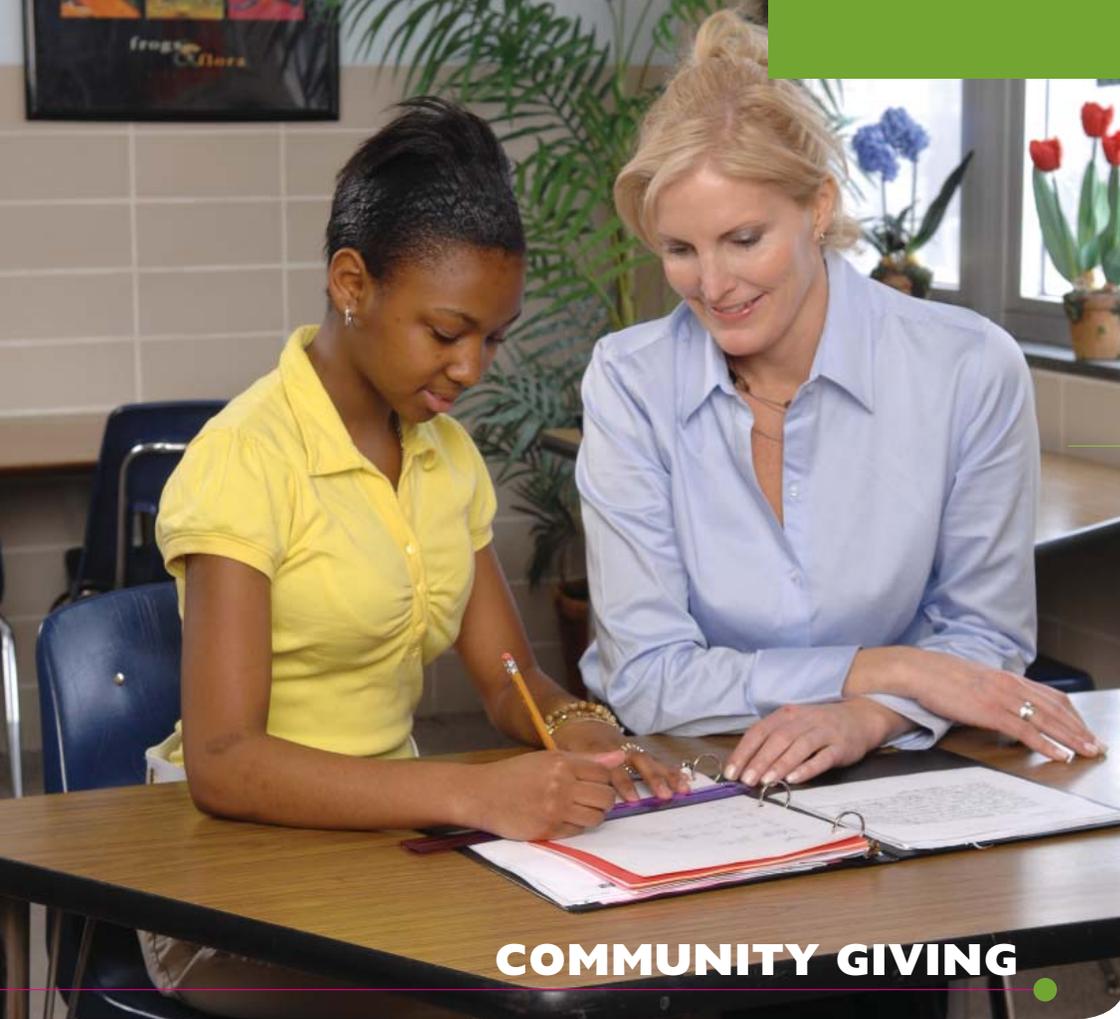
### THE NEED

Our communities are our neighbors, and we need a solid partnership to thrive. Our careful stewardship of the environment and our ability to offer jobs and community support is important to that relationship.

### OUR APPROACH

We have a responsibility to be a good neighbor and partner in the communities where we live and work. That thinking is rooted in our values and demonstrated in the leadership, talent and diversity of our people. It is reflected in the way we give to the communities in which we operate, including the thousands of hours our employees and retirees generously volunteer each year.





## COMMUNITY GIVING

We also realize the importance of addressing local issues and employee interests where we operate. By supporting community giving campaigns, we are able to bring together the needs of our local communities and personal philanthropy in partnership with United Way.

With the support of the Owens Corning Foundation, our employees donated more than \$1 million to United Way across the U.S.

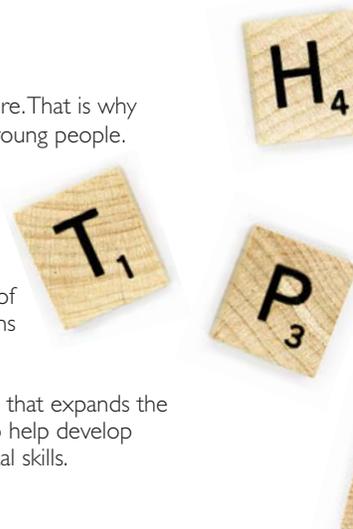
Addressing the needs of children in the community of our world headquarters is important to us. In partnership with actor Jamie Farr, Owens Corning is the title sponsor of the Ladies Professional Golf Association tournament, the Jamie Farr Owens Corning Classic. Our support of the tournament helps children's charities. Since its inception, the Jamie Farr Owens Corning Classic in Northwest Ohio has raised nearly \$6 million to benefit deserving causes for children.

## EDUCATION

Owens Corning recognizes the importance of investing in the future. That is why our commitment to education is extensive. Our efforts help teach, nurture and support young people. Our involvement in educational organizations include:

**Junior Achievement:** With the help and guidance of many Owens Corning employees, elementary school children in local communities learn economics and the free enterprise system. Former Owens Corning Chairman and Chief Executive Officer Harold Boeschstein (1938 to 1967) was inducted into Junior Achievement's U.S. Business Hall of Fame in 2007 for his leadership and philanthropy, which serves as an example to all Owens Corning employees today.

**Adopt-A-School:** Many Owens Corning facilities participate in this locally focused initiative that expands the resources of local schools. Through this program, Owens Corning employees volunteer to help develop school programs, read to and tutor at-risk students to help these children gain fundamental skills.



**Internships:** Owens Corning is committed to helping students further their education, and helping them gain actual work experience and real world training. We work with colleges and universities to develop and provide internship opportunities for college students at our world headquarters in Toledo, Ohio, and other locations.

The matching gift program of the Foundation supports personal employee contributions to higher and secondary education. The Owens Corning Foundation will match financial gifts up to \$2,500 annually per employee. The Foundation provides financial gifts to United Way giving campaigns in the U.S. to increase the impact of employee giving to causes that are most important to them.



## GRASS ROOT ACTIVITIES

Owens Corning employees are also enhancing lives as they reach out to their neighbors. Here are highlights from a few of their activities in 2007.

**Newark, Ohio,** insulation plant employees completed their fourth annual Dave Pugh memorial bicycle donation drive. Employees raised enough money to donate 110 bicycles and helmets to children within the community. The bikes were given away for Christmas. Employees assembled the bikes at the plant.

**Napa, Calif.,** masonry products plant employees collected nearly 660 pounds of food for the Napa Valley Food Bank, a significant increase from previous years. In addition, the plant filled bins with toy donations for the U.S. Marine Corps Reserve Toys for Tots program.

**Irving, Texas,** roofing plant employees formalized a Partnership in Education agreement with John R. Good Elementary School. In one of their first activities, employees helped clean up the school's garden to make it a better place for students and staff.

**The Kearny, N.J.** asphalt plant employees partnered with the Kearny fire department to stage mock confined-space rescues inside an asphalt tank. About 50 firefighters participated in the full-day drills.



## PARTNERING WITH OTHER ORGANIZATIONS

Owens Corning is also working with a variety of environmental and sustainability organizations to share its technical and leadership capabilities, and to learn from other participants. Examples of this include:

- Founding the Lake Erie Western Alliance for Sustainability
- Participating in the U.S. Green Building Council to form a local chapter in Toledo, Ohio
- Supporting legislation that would require all new Ohio schools to be LEED certified
- Participating in the U.S. Business Council for Sustainable Development



- Working with the U.S. Environmental Protection Agency (EPA) as a Climate Leaders Partner to develop comprehensive climate change strategies
- Working with the EPA's SmartWay Transport Partnership to increase energy efficiency while substantially reducing greenhouse gases and air pollution
- Working with the EPA's WasteWise partnership program to reduce solid waste at our world headquarters
- Led the Business Roundtable Energy Task Force for the residential and commercial buildings sector
- Participating in the Business Roundtable Climate RESOLVE (Responsible Environmental Steps, Opportunities to Lead by Voluntary Efforts) to reduce greenhouse gas emissions
- Participating in the Business Roundtable's S.E.E. (Social, Environmental, Economic) Change program promoting the adoption of sustainable growth principles as a core part of the business strategy
- Participating in the Global Environmental Management Initiative to share environmental best practices and help business foster global environmental, health and safety excellence and economic success
- Participating in the Manufacturers Alliance Environmental Management Council to share best practices for managing environmental requirements
- Participating in PHH GreenFleet<sup>SM</sup> and in partnership with Environmental Defense to identify the most cost-effective ways to improve fleet efficiency and minimize contributions to global warming
- Participating member of the Alliance to Save Energy
- Education partner with the Energy and Environmental Building Association supporting education with the "Houses That Work" training program
- Sponsor of the energy efficient and green building guidelines "Environments for Living," which includes training and an energy and comfort guarantee for homeowners
- Member of the Alliance for a Sustainable Built Environment and provider of several training programs through this organization in 2007

## RECOGNITION



## PRODUCTS AND SERVICES

- Lumbermen's, a contractor-orientated building materials provider; named Owens Corning its 2007 Vendor of the Year for building products
- The Home Depot Canada recognized Owens Corning as partner of the year in 2007

- Andy Goyda, a member of the Owens Corning Canadian sales team, received the Maple Leaf Award for 2006 from the Canadian Home Builders Association for his outstanding contribution to the Canadian home building industry



Andy Goyda

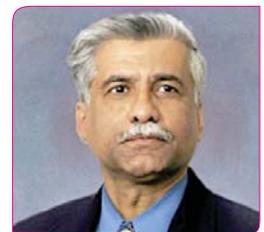
- Rheem, a leading water heater manufacturer and insulation customer; honored Owens Corning with its supplier partner of the year award
- WindStrand™ fabric, a high-performance reinforcement for wind turbine blades, earned a JEC innovation award, the composite industry's most prestigious award for technical achievement; the fabric was developed by Owens Corning in cooperation with fabric producer SAERTEX

- The company received two honors at the 2008 China Building Energy Efficiency Annual Forum, jointly sponsored by two divisions of the China Ministry of Construction; Owens Corning appeared on the list of 2007 China Building Energy-Saving Influential Businesses and was the only company not based in China, to receive the 2007 China Building Energy-Saving Influential Businesses – International Brands Outstanding Contribution Award

## OPERATIONS

- As a result of an injury-free 2007, the roofing and asphalt plants in Kearny, N.J., were recognized by the New Jersey State Department of Labor for contributing to a safe and healthy work environment; this is the first state recognition for the roofing plant and the third consecutive for the asphalt plant
- The Owens Corning insulation plant in Toronto, Ontario, Canada, earned silver honors at the Recycling Council of Ontario's Waste Minimization Awards in 2007
- The plants in Brookville, Ind., and Linnton, Ore., were the first Owens Corning facilities to be granted VPP Star status under the Voluntary Protection Program sponsored by the U.S. Department of Labor's Occupational Safety & Health Administration

- Dr. Manoj Choudhary, a senior research associate in the Insulating Systems business, was the 2007 recipient of the Glass Service Modeling Award from the American Ceramic Society; he was also chosen to be one of two U.S. representatives in the International Commission on Glass



Dr. Manoj Choudhary

- Owens Corning was included in the Corporate Equality Index, 2007 Best Places to Work list generated by the Human Rights Campaign Foundation; the list lets job seekers know which employers support gay, lesbian, bisexual and transgender employees and consumers



## ● PEOPLE AND COMMUNITIES

- Owens Corning made FORTUNE magazine's "Most Admired Companies" list for the sixth year in a row; the company moved up to third place out of six companies in the building materials, glass category; the company's overall score was 6.8 compared with 5.9 in the previous year
- Owens Corning received a 2007 Diamante Award for its support of the Latino community in Northwest Ohio



Darrel Higgs

- Darrel Higgs, roofing and asphalt technical manager, was recognized by the Asphalt Roofing Manufacturers Association (ARMA) for his years of service and leadership as chairman of the ARMA Codes Task Force
- A group of employees at the Owens Corning plant in Rio Claro, Brazil, were cited as good examples in a book released by The Gallup Organization; titled *12 Elements of Great Managing*, the book features best practices in employee engagement
- Owens Corning stock is now part of the Calvert Social Index; the inclusion recognizes the company's improvements in policies, programs and disclosures regarding the environment, workplace safety and product safety
- The late Harold Boeschstein, head of Owens Corning from its beginning in 1938 until he retired as Chairman in 1967, was inducted into Junior Achievement's U.S. Business Hall of Fame in 2007

# PERFORMANCE SUMMARY

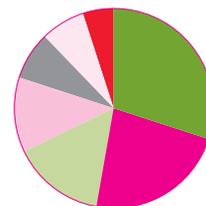
<b>Economic</b> (\$M unless otherwise stated.) (Note 1)	2007	2006
Net Sales		
United States	3,445	4,189
Europe	601	442
Canada & Other	932	768
Cost of Sales	4,201	4,397
Science & Technology Expenses	63	78
<b>Selected Cash Distributions</b>		
Wages, Benefits, Pensions (B)	1	1
Cash Paid for Income Taxes	40	58
Dividends and Share Repurchases	--	--
Cash Paid for Interest	159	986
Additions to Plant and Equipment	247	3,686
Total Assets	7,872	8,470
Long Term Debt	2,003	1,335
Stockholders' Equity	3,988	3,686
<b>Social</b>		
Employees (no of permanent personnel; in thousands)	20	19
Asia Pacific	4	2
Europe	3	1
Latin America	2	1
North America	11	15
Turnover Rate (Note 2)	32%	24%
Employee Engagement Index Ratio	3.8 : 1	3.4 : 1
Female Employees	17.4%	18%
Officers	8.3%	8%
Managers	17.3%	15.3%
Staff	34.4%	34.2%
Primary	12.3%	12%
<b>Health &amp; Safety</b>		
Recordable Injury & Illness Rate (RIR)	1.37	1.90
Lost and Restricted Workday Injury Rate (LWIR)	0.88	1.17
Fatalities	0	0
<b>Environmental</b>		
<b>Air Emissions</b>		
Greenhouse Gases (millions of tons per year)	8.2	7.9
NOx (thousands of tons per year)	6.2	7.2
VOC (thousands of tons per year)	3.1	3.2
Particulate Matter (thousands of tons per year)	3.2	4.1
<b>Consumption of Natural Resources</b>		
Energy (millions of Mwh)	10.6	11.1
Water (billions of gallons)	3.9	4.0
<b>Non-Hazardous Waste</b>		
Waste to Landfill (thousands of tons per year)	386.4	413
<b>Environmental Compliance</b>		
Significant Environmental Actions (Note 3)	1	0
Cost of Significant Environmental Actions (\$,000)	451.5	0

Note 1: For 2006, information is shown for the Predecessor period beginning January 1, 2006 and ending on October 31, 2006 combined with the Successor period beginning November 1, 2006 and ending on December 31, 2006.

Note 2: In 2007, 18% of the turnover is attributed to plant closings, restructuring and divestitures

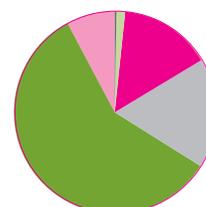
Note 3: Significant Environmental Actions are defined by the total cost of fines, capital expenditures equal to \$100,000 or greater

## OWENS CORNING FOUNDATION GIVING DISTRIBUTION



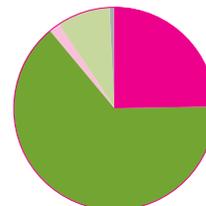
- EDUCATION
- UNITED WAY
- HEALTH & HUMAN SERVICES
- MISC.
- MATCHING GIFT
- CIVIC & COMMUNITY
- ARTS & CULTURE

## DIVERSITY OF U.S. WORKFORCE



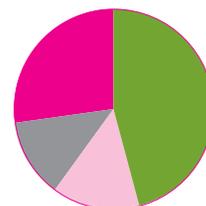
- ASIAN
- AFRICAN AMERICAN
- HISPANIC
- WHITE
- NON-SPECIFIED
- NATIVE AMERICAN

## DIRECT ENERGY CONSUMPTION



- ELECTRIC
- NATURAL GAS
- HEAVY OIL
- LIGHT OIL
- PROPANE

## NON-HAZARDOUS WASTE BY BUSINESS



- COMPOSITES
- R&A
- MASONRY PRODUCTS
- ISB

NOTE: The following Global Reporting Initiative (GRI) Index is included to show how our reporting compares with GRI recommendations. We recognize there is much we have not reported but we are just beginning this process and consider the current Index to be a baseline benchmark. We plan to report more information each year as our sustainable journey continues,

## G3 GRI CONTENT INDEX

**NR: NOT REPORTED**  
**NA: NOT APPLICABLE**

PROFILE		Page(s)
1.1	Statement from the most senior decision-maker of the organization	1
1.2	Description of key impacts, risks and opportunities	NR
2.1	Name of the organization	1
2.2	Primary brands, products and/or services	10-K Report
2.3	Operational structure of the organization	10-K Report
2.4	Location of organization's headquarters	10-K Report
2.5	Number of countries where the organization operates, and names of countries with either major operations or that are specifically relevant to the sustainability issues covered in the report.	10-K Report
2.6	Nature of ownership and legal form	10-K Report
2.7	Markets served	2, 25
2.8	Scale of the reporting organization	25
2.9	Significant changes during the reporting period regarding size, structure or ownership	10-K Report
2.10	Awards received in the reporting period	23-24
3.1	Reporting period	1
3.2	Date of most recent previous report	12
3.3	Reporting cycle	NR
3.4	Contact point for questions regarding the report or its contents	Inside Front Cover
3.5	Process for defining report content	3
3.6	Boundary of the report	3
3.7	State any specific limitations on the scope or boundary of the report	NA
3.8	Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations and other entities that can significantly affect comparability from period to period and/or between organizations	NR
3.9	Data measurement techniques and the bases of calculation	NR
3.10	Explanation of the effect of any re-statements of information provided in earlier reports	NR
3.11	Significant changes from previous reporting periods in the scope, boundary or measurement methods applied in the report	NR
3.12	Table identifying the Standard Disclosures in the report	26-28
3.13	Policy and current practice with regard to seeking external assurance for the report	NR
4.1	Governance structure of the organization	10-K Report
4.2	Indicate whether the Chair of the highest governance body is also an executive officer	10-K Report
4.3	For organizations that have a unitary board structure, state the number of members of the highest governance body that are independent and/or non-executive members. State how the organization defines 'independent' and 'non-executive'.	10-K Report
4.4	Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body	Inside Front Cover, 2
4.5	Linkage between compensation for members of the highest governance body, senior managers and executives (including departure arrangements), and the organization's performance	NR
4.6	Processes in place for the highest governance body to ensure conflicts of interest are avoided	NR
4.7	Process for determining the qualifications and expertise of the members of the highest governance body for guiding the organization's strategy on economic, environmental and social topics	NR
4.8	Internally developed statements of mission or values, codes of conduct and principles relevant to economic, environmental and social performance and the status of their implementation	NR
4.9	Procedures of the highest governance body for overseeing the organization's identification and management of economic, environmental and social performance	NR
4.10	Processes for evaluating the highest governance body's own performance, particularly with respect to economic, environmental and social performance	NR

4.11	Explanation of whether and how the precautionary approach or principle is addressed by the organization	NR
4.12	Externally developed economic, environmental and social charters, principles or other initiatives to which the organization subscribes or endorses	NR
4.13	Membership in associations	22
4.14	List of stakeholder groups engaged by the organization	22
4.15	Basis for identification and selection of stakeholders with whom to engage	NR
4.16	Approaches to stakeholder engagement	NR
4.17	Key topics and concerns that have been raised through stakeholder engagement	NR
<b>ECONOMIC</b>		
EC1	Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments (Core)	25, 10-K Report
EC2	Financial implications and other risks and opportunities for the organization's activities due to climate change (Core)	NR
EC3	Coverage of the organization's defined benefit plan obligations (Core)	10-K Report
EC4	Significant financial assistance received from government (Core)	NA
EC5	Range of ratios of standard entry level wage compared to local minimum wage at significant locations of operation (Additional)	NR
EC6	Policy, practices and proportion of spending on locally-based suppliers at significant locations of operation (Core)	NR
EC7	Procedures for local hiring and proportion of senior management hired from the local community at significant locations of operation (Core)	NR
EC8	Development and impact of infrastructure investments and services provided primarily for public benefit through commercial, in-kind or pro bono engagement (Core)	NR
EC9	Understanding and describing significant indirect economic impacts, including the extent of impacts (Additional)	NR
<b>ENVIRONMENTAL</b>		
EN1	Material used by weight or volume (Core)	NR
EN2	Percentage of materials used that are recycled input materials (Core)	NR
EN3	Direct energy consumption by primary energy source (Core)	25
EN4	Indirect energy consumption by primary source (Core)	NR
EN5	Energy saved due to conservation and efficiency improvements (Core)	12-16
EN6	Initiatives to provide energy-efficient or renewable energy based products and services, and reductions in energy requirements as a result of these initiatives (Additional)	4-9
EN8	Total water withdrawal by source (Core)	14-15, 25
EN11	Location and size of land owned, leased, managed in, or adjacent to protected areas and areas of high biodiversity value outside protected areas (Core)	NR
EN12	Description of significant impacts of activities, products and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas (Core)	NR
EN16	Total direct and indirect greenhouse gas emissions by weight (Core)	25
EN17	Other relevant indirect greenhouse gas emissions by weight (Core)	NR
EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved (Additional)	12-17
EN19	Emissions of ozone-depleting substances by weight (Core)	NR
EN20	NOx, SOx, and other significant air emissions by type and weight (Core)	NR
EN21	Total water discharge by quality and destination (Core)	NR
EN22	Total weight of waste by type and disposal method (Core)	14-15, 25
EN23	Total number and volume of significant spills (Core)	NR
EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation (Core)	NR
EN27	Percentage of products sold and their packaging materials that are reclaimed by category (Core)	NR
EN28	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations (Core)	25

<b>SOCIAL – LABOR PRACTICES AND DECENT WORK</b>		
LA1	Total workforce by employment type, employment contract and region (Core)	25
LA2	Total number and rate of employee turnover by age group, gender, and region (Core)	25
LA4	Percentage of employees covered by collective bargaining agreements (Core)	NR
LA5	Minimum notice period(s) regarding significant operational changes, including whether it is specified in collective agreements (Core)	NR
LA7	Rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities by region (Core)	10, 25
LA8	Education, training, counseling, prevention and risk-control programs in place to assist workforce members, their families or community members regarding serious diseases (Core)	NR
LA10	Average hours of training per year per employee by employee category (Core)	NR
LA12	Percentage of employees receiving regular performance and career development reviews (Additional)	NR
LA13	Composition of governance bodies and breakdown of employees per category according to gender, age group, minority group membership and other indicators of diversity (Core)	NR
LA14	Ratio of basic salary of men to women by employee category (Core)	NR
<b>SOCIAL – HUMAN RIGHTS</b>		
HR1	Percentage and total number of significant investment agreements that include human rights clauses or that have undergone human rights screening (Core)	NR
HR2	Percentage of significant suppliers and contractors that have undergone screening on human rights and actions taken (Core)	NR
HR4	Total number of incidents of discrimination and actions taken (Core)	NR
HR5	Operations identified in which the right to exercise freedom of association and collective bargaining may be at significant risk, and actions taken to support these rights (Core)	NR
HR6	Operations identified as having significant risk for incidents of child labor; and measures taken to contribute to the elimination of child labor (Core)	NR
HR7	Operations identified as having significant risk for incidents of forced or compulsory labor; and measures to contribute to the elimination of forced or compulsory labor (Core)	NR
<b>SOCIAL – SOCIETY</b>		
SO1	Nature, scope and effectiveness of any programs and practices that assess and manage the impacts of operations on communities, including entering, operating and exiting (Core)	NR
SO2	Percentage and total number of business units analyzed for risks related to corruption (Core)	NR
SO3	Percentage of employees trained in organization's anti-corruption policies and procedures (Core)	NR
SO4	Actions taken in response to incidents of corruption (Core)	NR
SO5	Public policy positions and participation in public policy development and lobbying (Core)	NR
SO8	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations (Core)	NR
<b>SOCIAL – PRODUCT RESPONSIBILITY</b>		
PR1	Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures (Core)	5
PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements (Core)	4-5
PR6	Programs for adherence to laws, standards and voluntary codes related to marketing communications, including advertising, promotion and sponsorship (Core)	NR
PR9	Monetary value of significant fines for non-compliance with laws and regulations concerning the provision and use of products and services (Core)	NR

*Sustainability is at the heart of Owens Corning's stated purpose:*

- *Delivering Solutions*
- *Transforming Markets*
- *Enhancing Lives*

*We are committed to operating with three balanced outcomes:*

- 1. Economic Growth*
- 2. Environmental Stewardship*
- 3. Social Progress*



This report was printed with soy based ink and water based coatings on FSC/Green Seal-certified paper made with 100 percent post-consumer waste using non-polluting wind-generated energy.

This report may be downloaded in PDF format from <http://www.owenscorning.com/sustainability>



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