



"There is a great need to think big and act with speed and resolve."

Our Commitment to Sustainability

Owens Corning is constantly seeking ways to help create a more sustainable world. We continue to focus on three key areas:

- Greening our operations,
- Greening our products, and
- Accelerating energy efficiency improvements in the built environment.

We've made important strides in all three of our focus areas while increasing transparency as our various stakeholders have actively sought information on sustainability at Owens Corning. We appreciate your interest.

Progress and Challenges in Operations

From a 2002 baseline, specific environmental footprint reduction goals have now been met for four out of seven aspects we identified as critical measures, and we are active in closing the gap on the other three. For example, a major innovation in our North American foam business was implemented in 2009 as a critical step in reducing total company greenhouse gas intensity going forward.

Operating large scale manufacturing assets at partial capacity in the challenging global economic environment put stress on our ability to reduce energy and greenhouse gas intensities in 2009. As a result, while absolute energy use and greenhouse gas emissions declined significantly, our intensities for both increased year over year.

Innovation

We continue to deliver new and improved product solutions to market, extending the total life cycle energy-saving qualities of our core offerings. A couple exciting examples are our innovative energy efficiency solution, EnergyComplete™ Insulation and Air Sealing System, and our end-of-life recycling program for asphalt shingles.

Advocacy

With 40 percent of global energy consumption and associated greenhouse gas emissions coming from buildings, there is a great need to think big and act with speed and resolve. Making significant improvements to new and existing buildings is both practical and affordable, and Owens Corning will remain active in assuring that building improvements are integral to energy and climate policy around the world.

Frank O'Brien-Bernini
Chief Sustainability Officer

This pamphlet is an abbreviated introduction to Owens Corning's commitment to sustainability. Visit <http://sustainability.owenscorning.com> for the full 2009 report.

2009 Performance Summary

Economic (in millions)	2009	2008	2007
Sales			
United States	\$ 3,261	\$ 3,728	\$ 3,446
Europe	523	914	605
Asia Pacific	604	674	455
Other	415	531	472
Cost of sales	3,954	4,925	4,202
Science and technology (R&D) expenses	61	69	63
Selected Cash Distribution			
Wages, benefits, pensions	1	1	1
Cash paid for taxes	18	33	40
Purchases of treasury stock	3	100	1
Cash paid for interest	120	120	159
Additions to plant and equipment	243	434	247
Total Assets	7,167	7,222	7,872
Long-term debt	2,177	2,172	1,993
Total Equity	2,853	2,780	4,004
Social			
Employees (no. of permanent personnel in thousands)	16	18	20
Asia Pacific	2.6	3	4
Europe	2.6	3	3
Latin America	1.7	2	2
North America	9	10	11
Turnover Rate (Note 1)	19%	19%	32%
Employee Engagement Index Ratio	--	--	3.8 : 1
Female Employees	23.4%	19.3%	17.4%
Officers	7.5%	8.9%	8.3%
Managers	18.4%	17.8%	17.3%
Staff	52.5%	35.5%	34.4%
Primary	15.1%	13.9%	12.3%
Health & Safety			
Recordable Injury & Illness Rate (RIR)	0.83	0.88	1.37
Lost and Restricted Workday Injury Rate (LWIR)	0.52	0.57	0.88
Fatalities	0	0	0
Environmental			
Air Emissions			
Greenhouse Gases (millions of metric tons per year)	5.5	6.6	7.5
NOx (thousands of metric tons per year)	3.6	5.0	5.8
VOC (thousands of metric tons per year)	1.8	2.6	3.0
Particulate Matter (thousands of metric tons per year)	2.1	2.6	2.9
Consumption of Natural Resources			
Energy (millions of MWh)	7.5	9.4	10.6
Water (millions of cubic meters)	9.7	14.0	14.6
Non-Hazardous Waste			
Waste-to-Landfill (thousands of metric tons per year)	173	318	359
Environmental Compliance			
Significant Environmental Actions (Note 2)	0	0	1
Cost of Significant Environmental Actions (\$,000)	0	0	451.5

Note 1: In 2007, 18% of the turnover is attributed to plant closings, restructuring and divestitures.

In 2008, 6% of the turnover is attributed to plant closings, restructuring and divestitures.

Note 2: Significant Environmental Actions are defined by the total cost of fines, capital expenditures, etc. equal to \$100M or greater.

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Sustainability at Owens Corning



2009 Highlights



Energy-Saving Products

Our commitment to sustainability starts with the design and manufacture of materials that save energy, reduce reliance on fossil fuels and decrease greenhouse gas emissions around the world. Owens Corning is also a global industry leader in composite materials, with 40,000 end-use applications such as reinforcements used in the wind energy sector.

Composites

We are a global producer of glass fiber reinforcements, technical fabrics and non-woven materials. Our Composites Group has the scale to serve both regional and global customers, take advantage of new world-class technologies and develop advanced energy-efficient products. We continue to identify new opportunities to replace traditional materials with composites that are more economical, durable and lighter weight, resulting in improved energy efficiency and/or ease of use.

Insulation

Building insulation is one of the most cost-effective greenhouse gas abatement measures globally, according to a report from McKinsey & Company. Our fiberglass and foam insulation products are passive systems that consume no additional resources as they continue to save energy year after year for as long as they remain in place. Notably, fiberglass insulation saves 12 times the energy used to produce it – in its first year installed alone.

Roofing

Owens Corning developed and commercialized the fiberglass-reinforced asphalt shingle starting in the 1970's. We're the only roofing manufacturer to connect contractors directly with recycling facilities through a national strategic alliance with Heritage Environmental Services, the largest privately-held environmental services company in the U.S. Heritage provides dedicated, convenient drop-off centers that recycle and process shingle tear-offs.

Masonry and Other Products

Owens Corning is proud to offer the first manufactured stone veneer to be recognized by third party organizations such as GREENGUARD® Environmental Institute and UL Environment™ Inc. Our other energy-efficient products include Innovision™ Windows with all-fiberglass frames and Solace® Windows, a fiberglass-reinforced vinyl replacement product. We also offer SunSuites® Sunrooms for an energy-efficient, multi-season living space that can be added to an existing home.



Owens Corning is committed to continuous reduction of resource use and environmental emissions from its operations.

Our Environmental Footprint

Owens Corning is committed to continuous reduction of resource use and environmental emissions from our operations, focusing on seven key aspects:

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

These key areas of focus are represented in the adjacent footprint graphic. The 2002 baseline year is shown as the light green outside border of the spider chart, representing 100 percent of each aspect. The pink center footprint indicates the company's 10-year "intensity" goals. The dark green footprint represents our status at the end of 2009.

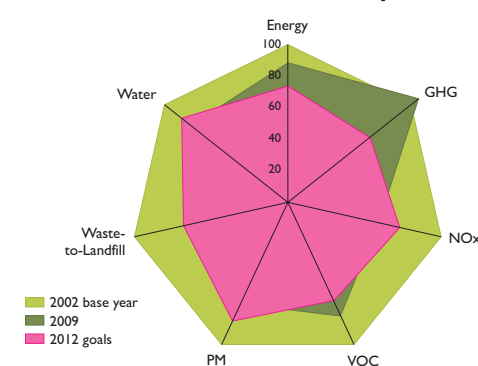
Normalized Emissions¹

Owens Corning's 2009 results clearly show the company has reduced its environmental intensity footprint since the base year of 2002 as it pursues reduction goals against the base for 2012:

	2012 Goals	2009 Results
Energy	25%	13%
GHG	30%	(5%)
NOx	25%	39%
VOC	25%	16%
PM	20%	31%
Waste-to-Landfill	35%	35%
Water	15%	20%

¹ Intensity is normalized based on product output.

Emissions and Resource Footprint



Recognition

For Our Commitment to Safety

Several more Owens Corning facilities have earned **Voluntary Protection Program (VPP) Star** status from the U.S. Occupational Safety and Health Administration during 2009 and 2010: Cleveland, Tenn., and Tiffin, Ohio, OEM plants, Denver asphalt plant, and Houston Roofing and asphalt plants. Star recognition is the highest level of achievement within the OSHA program.

For Environmental Stewardship

Owens Corning ranked 56 out of 500 companies in the first **Newsweek Green Ranking** of 500 of the largest publicly traded companies in the United States... based on our environmental performance, policies and reputation.



Corporate Citizenship

Owens Corning is committed to responsible corporate citizenship, contributing our time, talent and resources to help build strong, cohesive communities.

We **donate products and supplies** for the building and rehabilitation of low-income housing and for other pressing needs such as disaster relief. We work with respected and effective humanitarian organizations such as Habitat for Humanity and World Vision to help coordinate our product donations for the maximum impact.

We also proudly **support educational excellence** through the dedicated efforts of many Owens Corning employees who are active in programs such as Junior Achievement and Adopt-A-School. We are proactive in helping identify a wide variety of other volunteer opportunities through our employee volunteer portal.

For more than 30 years, the **Owens Corning Foundation** has been at work responding to the needs of our stakeholder communities. A generous matching gift program encourages employee giving and the foundation is a strong supporter of United Way campaigns in the U.S. Key areas that benefit from grants include Arts & Culture, Health & Human Services, Civic & Community causes and Education initiatives.

We have formed alliances with a wide variety of stakeholders in order to **build stronger communities** and **promote environmental stewardship**. We are actively engaged with community advocacy groups; our customers, shareholders, employees and suppliers; industry associations; governments and various non-governmental organizations to help translate our strong commitment to corporate responsibility into effective policies and actions.

For Product Innovation

Our Twintex® reinforcement application in vinyl windows received the **JEC Composites Innovation Award** in the building and construction category for its use in thermoplastic window lineals. The technology combines Twintex® co-mingled glass fiber and polymer reinforcements with polyvinylchloride (PVC), eliminating the need for steel inserts to strengthen the parts.

For Social Responsibility

The company ranked 94th in **Corporate Responsibility Magazine's 11th annual "The 100 Best Corporate Citizens List"** based on criteria in seven categories: environment, climate change, human rights, philanthropy, employee relations, financial performance, and governance.

We also made **FORTUNE magazine's "Most Admired Companies"** list for the seventh consecutive year.

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