

Communication on Progress

Introduction



Owens Corning is honored to be a member of the United Nations Global Compact since 2010. With its emphasis on sustainability and responsible business practices, the UN Global Compact is well-aligned with our company values. It also provides Owens Corning with a strong platform for embracing and enacting good corporate principles in the areas of human rights, labor, environment, and anti-corruption.



The accompanying "Communication on Progress" document provides an overview of Owens Corning's recent activities in support of Global Compact objectives.

OUR PROGRESS

Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights.

Principle 2: Businesses should ensure that they are not complicit in human rights abuses.

Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

Principle 4: Businesses should support the elimination of all forms of forced and compulsory labour.

Principle 5: Businesses should support the effective abolition of child labour.

Principle 6: Businesses should support the elimination of discrimination in respect of employment and occupation.

Principle 7: Businesses should support a precautionary approach to environmental challenges.

Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.

Principle 9: Businesses should encourage the development and diffusion of environmentally friendly technologies.

Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

Statement of Continued Support

As the attached report illustrates, Owens Corning is committed – in both belief and action – to the 10 principles of the United Nations Global Compact. This commitment extends beyond making our products and operations more sustainable. It involves embracing the broader objectives of sustainability as we balance economic growth with social progress and environmental stewardship. In short, we believe that what is good for people and good for our planet is also good for Owens Corning.

Sustainability is also about responsible behavior and stewardship with regard to our employees and the communities in which they live and work. Owens Corning provides our people with clear guidance on how to conduct business ethically and comply with all laws through our Corporate Code of Business Conduct and Corporate Governance policies. These policies and standards of behavior reflect our values as a company and are incorporated into the way our employees work every day – with customers, colleagues, suppliers, and the broader public.

A key dimension of responsible behavior and stewardship relative to our employees is our continued quest for an injury-free workplace. In 2014 Owens Corning received the highest honor of the National Safety Council (NSC) – the Green Cross for Safety medal. NSC presents the award annually to an organization with outstanding safety performance and a commitment to improving the quality of life in the communities where its employees work and live. Reflecting our commitment to responsible business practices, over the past 12 years Owens Corning has eliminated nearly 95 percent of recordable injuries, as defined by the United States Occupational Safety & Health Administration.

Owens Corning made a strong commitment to our global communities by joining the United Nations Global Compact in 2010. Since then, we are proud of our continued progress in the sustainability arena and pleased to again renew our dedication to conducting business responsibly throughout the world.



Sustainability



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A Message From Our Chief Executive Officer and Chief Sustainability Officer



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. The people of Owens Corning are committed to expanding our impact through sustainability to deliver on this purpose. Our commitment to sustainability starts with the Board of Directors and runs through the management teams and employees around the globe.

We are proud of our accomplishments this past year to further reduce our environmental footprint. But, footprint reduction alone doesn't define our values. We have initiated the exciting work of understanding, measuring and expanding our handprint – creating a net-positive impact of our company and its products.

Our 2013 Sustainability Report is a record of our achievements. It also includes candid

acknowledgment that much more is needed to achieve our aspiration of expanding our impact through sustainability. Our progress is embedded across all aspects of our company and highlighted below:

Safety:

- Extended our industry-leading track record of safety achievement with performance comparable to 2012.
- Expanded our aspiration in safety beyond accident prevention to “Living Safely.”

Operations Sustainability:

- Continued progress toward meeting our ambitious 2020 environmental footprint goals, including intensity reductions in energy, GHG, particulate, air emissions and water use.
- Deployed renewable energy solutions at larger scale, including commissioning the largest on-site solar PV system in the state of New York at our Delmar EcoTouch[®] Insulation plant.
- Increased our waste to landfill, due in part to the loss of glass fiber recycling outlets. To reverse this trend, we have made securing more reliable glass fiber waste recycling a priority.

Product Sustainability:

- Extended our product life cycle sustainability and transparency. We expect to meet our goal of publishing transparency documentation on all our core products by year-end 2015.
- Published our industry-leading FOAMULAR[®] Insulation Environmental Product Declaration (EPD) in support of the green building market and collaborated broadly with stakeholders to develop meaningful health-related transparency documentation.
- Recycled one million tons of asphalt shingles in North America, representing approximately 10 percent of the market.

Supply Chain Sustainability:

- Doubled our freight miles driven on natural gas (converted from diesel), paving the way to run 15% Natural Gas Miles in 2014; our goal is 50 percent by 2020.
- Established networks of shippers, carriers, refueling stations, and trucks utilizing natural gas and expanded supplier collaborations to advance our sustainability goals.

Energy Efficiency Collaboration:

- Published a comprehensive Residential Builders Guide, detailing optimum design solutions for all performance levels and all climate zones, to enable high performance

buildings to gain scale.

- Participated in the launch of a new glass fiber reinforcement product to deliver lighter and stronger thermoplastic solutions for the global automotive market. This product was launched by BASF under the Ultracom™ thermoplastic composite system banner and made possible by the co-development collaborations between Owens Corning, BASF, and TenCate Advanced Composites.
- Continued to drive net-zero energy building capabilities and improved cost, performance, durability and safety through partnerships with customers, specifiers, architects and builders in both the residential and commercial markets.

Climate Advocacy:

- Signed the Climate Declaration calling on the U.S. policymakers to address climate change and joined the Business for Innovative Climate & Energy Policy (BICEP) advocacy organization.

Strategic Philanthropy:

- Assisted nearly 4,000 families through the donation of insulation and roofing materials for their homes.
- Expanded our health and educational assistance to China, India and Mexico, including a project in China that is impacting the lives of more than 5,500 children each year by constructing nutritional food kitchens in rural schools.
- Donated 0.53% of EBIT to non-profit organizations and participated in community programs at over half of our worldwide facilities.

Recognition:

- Awarded the Green Cross for Safety medal from the National Safety Council for leadership and progress in safety.
- Achieved a perfect score on the Human Rights Campaign Corporate Equality Index for the tenth consecutive year.
- Listed on the Dow Jones Sustainability World Index for the fourth consecutive year, and received the RobecoSam Dow Jones Sustainability Index 2014 Gold Award, and named Industry Leader in Sustainability.

We are proud of our achievements. We have more to do on the path to becoming a net-positive company. We are expanding collaborations that increase customer value, elevate supplier expectations, and increase our impact on energy efficiency as a key driver for climate change mitigation. We are streamlining our global environmental management systems, increasing transparency in products, and expanding the level and geographic reach of our community investment activities.

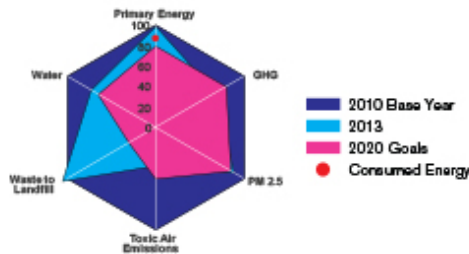
Thank you for your continued interest in Owens Corning and our sustainability journey.

Our commitment to expanding our impact through sustainability is unwavering and we welcome your comments on the progress we are making. You can contact us at sustainability@owenscorning.com


Mike Thaman
Chairman and Chief Executive
Officer

Frank O'Brien-Bernini
Vice President, Chief Sustainability
Officer

MEMBER OF
**Dow Jones
Sustainability Indices**
In Collaboration with RobecoSAM



Tweets

 **Owens Corning** @OwensCorning 19h
Increase RESNET Grade 1 ratings by
[WHAT DO YOU THINK?](#)
learning proper techniques for
installing fiberglass batt insulation:
bit.ly/1xiQQJc

Show Media

We welcome your comments and suggestions on our progress and on our expanded online reporting. [Click here](#)

 **Owens Corning** @OwensCorning 9 Jan

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Human Rights: Principle 1

Businesses should support and respect the protection of internationally proclaimed human rights.

Systems

Business Code of Conduct:

<http://www2.owenscorning.com>

Supplier Code of Conduct:

<http://sustainability.owenscorning.com>

Employee Safety:

<http://sustainability.owenscorning.com>

Careers:

<http://www.owenscorning.com>


Actions

Owens Corning human rights practices are embedded in our Code of Business Conduct. Owens Corning respects all international human rights standards throughout our global operations.

Performance Indicators

<http://sustainability.owenscorning.com>

Relevant GRI Indicators:

HR1	Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening.	Agreements w/ Human Rights Clauses  Supplier Code of Conduct (pdf)
HR2	Percentage of significant suppliers, contractors, and other business partners that have undergone human rights screening, and actions taken.	Supplier Screening Tips
HR3	Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.	Human Rights Training
HR4	Total number of incidents of discrimination and corrective actions taken.	Discrimination Incidents
HR5	Operations and significant suppliers identified in which the right to exercise freedom of association and collective bargaining may be violated or at significant risk, and actions taken to support these rights.	No operations or suppliers have been identified.
HR6	Operations and significant suppliers identified as having significant risk for incidents of child labor, and measures taken to contribute to the effective abolition of child labor.	No operations or suppliers have been identified.
HR7	Operations and significant suppliers identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of all forms of forced or	Forced Labor Risk

compulsory labor.

HR8 Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations. [Security Training](#)

HR9 Total number of incidents of violations involving rights of indigenous people and actions taken. [Indigenous People Violations](#)

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Agreements w/ Human Rights Clauses GRI HR1**Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening.**

	2013		2012		2011	
	Number	Percentage	Number	Percentage	Number	Percentage
Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening	1,880,754	80	1,413,317	77	1,482,774	77

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

the Supplier Code of Conduct is referenced for all transactions with a Purchase Order in the US. We plan to expanse this reference to other types of contracts in 2014 through a comprehensive contract management process.

The number in the data, is the number of transactions, not purchase orders - This is they way our data is created. One PO can have many transactions so the number of PO's is much less than this number.

% of total spend for each year.

References

 [Supplier Code of Conduct \(pdf\)](#)

Supplier Screening Tips GRI HR2**Percentage of significant suppliers, contractors, and other business partners that have undergone human rights screening, and actions taken.**

	2013	2012	2011
Percentage of contracts with significant suppliers, contractors, and other business partners that included criteria or screening on human rights	47	70	25
Percentage of contracts with significant suppliers, contractors, and other business partners that were either declined or imposed performance conditions, or were subject to other actions as a result of human rights screening	0	0	0

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning is in the midst of revamping the supplier management process and has determined new tools for identifying those suppliers with contracts and who are actively managed - being significant suppliers or having high criticality or risk. A major change in this assessment and management process is contract management. In 2014 additional resources will be provided to address this.

Human Rights Training GRI HR3**Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.**

	2013	2012	2011
Total number of hours devoted to training on policies and procedures concerning aspects of human rights that are relevant to operations	4500	6000	7476
Percentage of employees trained in policies and procedures concerning aspects of human rights that are relevant to operations	30	31	54

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

All salaried employees (approximately 4,500) are trained on the EEOC guidelines through our annual online Business Code of Conduct training.

Discrimination Incidents GRI HR4**Total number of incidents of discrimination and corrective actions taken.**

	2013	2012	2011
Total number of incidents of discrimination	8	7	20

Incidents (reporting year only)	Status of incident	Corrective actions taken
8	<input checked="" type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention	

GRI Reporting Level: The GRI data provided is considered: Full

Forced Labor Risk GRI HR7**Operations and significant suppliers identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of all forms of forced or compulsory labor.**

Owens Corning has a policy which strictly prohibits forced labor. Owens Corning will not tolerate such conduct at its facilities or those of its suppliers. All Owens Corning facilities are audited routinely to ensure compliance.

GRI Reporting Level: The GRI data provided is considered: Full

Security Training GRI HR8

Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.

	2013	2012	2011
Percentage of security personnel who have received training on human rights policies and/or procedures	100	100	100

Training requirements regarding human rights issues also apply to third party organizations providing security personnel	Yes
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GRI Reporting Level: The GRI data provided is considered: Full

Indigenous People Violations GRI HR9**Total number of incidents of violations involving rights of indigenous people and actions taken.**

	2013	2012	2011
Total number of identified incidents involving indigenous rights	0	0	0

Incidents (reporting year only)

Status of incident

Actions taken

- ☐ Reviewed
- ☐ Remediation plan being implemented
- ☐ Remediation plan implemented, results reviewed through routine internal management review process
- ☐ Incident no longer subject to attention
- ☐ Reviewed
- ☐ Remediation plan being implemented
- ☐ Remediation plan implemented, results reviewed through routine internal management review process
- ☐ Incident no longer subject to attention
- ☐ Reviewed
- ☐ Remediation plan being implemented
- ☐ Remediation plan implemented, results reviewed through routine internal management review process
- ☐ Incident no longer subject to attention
- ☐ Reviewed
- ☐ Remediation plan being implemented
- ☐ Remediation plan implemented, results reviewed through routine internal management review process
- ☐ Incident no longer subject to attention
- ☐ Reviewed
- ☐ Remediation plan being implemented
- ☐ Remediation plan implemented, results reviewed through routine internal management review process
- ☐ Incident no longer subject to attention

GRI Reporting Level: The GRI data provided is considered: Full



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Human Rights: Principle 2

Businesses should ensure that they are not complicit in human rights abuses.

Systems

Business Code of Conduct:

<http://www2.owenscorning.com>

Supplier Code of Conduct:

<http://sustainability.owenscorning.com>

Actions


Owens Corning has a Supplier Code of Conduct, which is mirrored from the employee Corporate Code of Business Conduct. Owens Corning began its supplier program in 2010 and embarked on surveying suppliers for compliance in 2012.

Performance Indicators

Relevant GRI Indicators:

HR1

Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening.

[Agreements w/
Human Rights
Clauses](#)

[Supplier
Code of
Conduct
\(pdf\)](#)

HR2

Percentage of significant suppliers, contractors, and other business partners that have undergone human rights screening, and actions taken.

[Supplier Screening
Tips](#)

HR8

Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.

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Agreements w/ Human Rights Clauses GRI HR1**Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening.**

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GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

the Supplier Code of Conduct is referenced for all transactions with a Purchase Order in the US. We plan to expanse this reference to other types of contracts in 2014 through a comprehensive contract management process.

The number in the data, is the number of transactions, not purchase orders - This is they way our data is created. One PO can have many transactions so the number of PO's is much less than this number.

% of total spend for each year.

References

 [Supplier Code of Conduct \(pdf\)](#)

Supplier Screening Tips GRI HR2**Percentage of significant suppliers, contractors, and other business partners that have undergone human rights screening, and actions taken.**

	2013	2012	2011
Percentage of contracts with significant suppliers, contractors, and other business partners that included criteria or screening on human rights	47	70	25
Percentage of contracts with significant suppliers, contractors, and other business partners that were either declined or imposed performance conditions, or were subject to other actions as a result of human rights screening	0	0	0

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning is in the midst of revamping the supplier management process and has determined new tools for identifying those suppliers with contracts and who are actively managed - being significant suppliers or having high criticality or risk. A major change in this assessment and management process is contract management. In 2014 additional resources will be provided to address this.

Security Training GRI HR8

Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.

	2013	2012	2011
Percentage of security personnel who have received training on human rights policies and/or procedures	100	100	100

Training requirements regarding human rights issues also apply to third party organizations providing security personnel

Yes

GRI Reporting Level: The GRI data provided is considered: Full



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Labour Standards: Principle 3

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

Systems

Owens Corning recognizes the rights of its employees to seek union representation or to remain self represented, and honors their choices. The company has forged productive relationships with unions and work councils throughout the world, and we value their partnership. Approximately 50 percent of our hourly employees are covered by collective bargaining agreements.

Actions

Owens Corning recognizes the rights of its employees to seek union representation or to remain self represented, and honors their choices. The company has forged productive relationships with unions and work councils throughout the world, and we value their partnership. Approximately 50 percent of our hourly employees are covered by collective bargaining agreements.

Performance Indicators

Relevant GRI Indicators:

LA4	Percentage of employees covered by collective bargaining agreements	Collective Bargaining Coverage
LA5	Minimum notice period(s) regarding significant operational changes, including whether it is specified in collective agreements.	Notice Operational Changes
HR5	Operations and significant suppliers identified in which the right to exercise freedom of association and collective bargaining may be violated or at significant risk, and actions taken to support these rights.	No operations or suppliers have been identified.

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Collective Bargaining Coverage GRI LA4**Percentage of employees covered by collective bargaining agreements**

% of workforce covered by collective bargaining agreement	2013	2012	2011	Type of collective bargaining agreement
Home country				<input type="checkbox"/> national <input type="checkbox"/> industry <input type="checkbox"/> enterprise
Worldwide	65	68	50	<input type="checkbox"/> national <input checked="" type="checkbox"/> industry <input type="checkbox"/> enterprise

GRI Reporting Level: The GRI data provided is considered: Full

Notice Operational Changes GRI LA5**Minimum notice period(s) regarding significant operational changes, including whether it is specified in collective agreements.**

Minimum number of weeks notice typically provided to employees and their elected representatives prior to the implementation of significant operational changes that could substantially affect them: 9

For organizations with collective bargaining agreements, are the notice period and/or provisions for consultation and negotiation specified in collective agreements? Yes

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Our practice varies by country. We tend to be near industry norms.



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Labour Standards: Principle 4

Businesses should support the elimination of all forms of forced and compulsory labour.

Systems

Business Code of Conduct:

<http://www2.owenscorning.com>

Supplier Code of Conduct:

<http://sustainability.owenscorning.com>

Actions

Owens Corning's Corporate Code of Business Conduct Policy and Supplier Code of Conduct specifically indicate that there will be no tolerance for forced or compulsory labor.

Performance Indicators

Relevant GRI Indicators:

HR7

Operations and significant suppliers identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of all forms of forced or compulsory labor. [Forced Labor Risk](#)

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Forced Labor Risk GRI HR7**Operations and significant suppliers identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of all forms of forced or compulsory labor.**

Owens Corning has a policy which strictly prohibits forced labor. Owens Corning will not tolerate such conduct at its facilities or those of its suppliers. All Owens Corning facilities are audited routinely to ensure compliance.

GRI Reporting Level: The GRI data provided is considered: Full



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Labour Standards: Principle 5 Businesses should support the effective abolition of child labour.

Systems

Business Code of Conduct:

<http://www2.owenscorning...>

Supplier Code of Conduct:

<http://sustainability.owe...>

Actions

Owens Corning's Corporate Code of Business Conduct Policy and Supplier Code of Conduct specifically indicate that there will be no tolerance for child labor. Owens Corning defines "child labor" as work or service extracted from anyone under the age of 16, the minimum age for employment in that country, or the age for completing compulsory education in that country, whichever is higher.

Performance Indicators

Relevant GRI Indicators:

HR6

Operations and significant suppliers identified as having significant risk for incidents of child labor, and measures taken to contribute to the effective abolition of child labor.	No operations or suppliers have been identified.
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Labour Standards: Principle 6

Businesses should support the elimination of discrimination in respect of employment and occupation.

Systems

Business Code of Conduct:

<http://www2.owenscorning.com>

Supplier Code of Conduct:

<http://sustainability.owenscorning.com>

Diversity:

<http://jobs.owenscorning.com>

Actions

Owens Corning employees or employees of suppliers are expected to work in an environment free from harassment on any basis including, but not limited to, harassment on the basis of race, color, sex, age, national origin, sexual orientation, gender identity, cultural affiliation, religion, physical or mental disability, and personal characteristics or circumstances.

In 2011 Owens Corning renewed its commitment to diversity and leadership with the development of six Affinity Groups: African American Resource Group; Gay, Lesbian, Bisexual, Transgender and Advocates; Hispanic Diversity Council; Owens Corning Multi-Cultural Network; Women's Information Network; and Connections. These groups have been very active in 2013.

Performance Indicators

Relevant GRI Indicators:

LA2	Total number and rate of new employee hires and employee turnover by age group, gender, and region.	Employee Turnover
LA13	Composition of governance bodies and breakdown of employees per employee category according to gender, age group, minority group membership, and other indicators of diversity.	Diversity Indicators
LA14	Ratio of basic salary and remuneration of women to men by employee category, by significant locations of operation.	2013 Proxy Statement
HR4	Total number of incidents of discrimination and corrective actions taken.	Female to Male Salary Ratio
		Discrimination Incidents

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Discrimination Incidents GRI HR4**Total number of incidents of discrimination and corrective actions taken.**

	2013	2012	2011
Total number of incidents of discrimination	8	7	20


Incidents (reporting year only)	Status of incident	Corrective actions taken
8	<input checked="" type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention <input type="checkbox"/> Reviewed <input type="checkbox"/> Remediation plan being implemented <input type="checkbox"/> Remediation plan implemented, results reviewed through routine internal management review process <input type="checkbox"/> Incident no longer subject to attention	

GRI Reporting Level: The GRI data provided is considered: Full

Employee Turnover GRI LA2**Total number and rate of new employee hires and employee turnover by age group, gender, and region.**

% of operations included in data: 100	2013	2012	2011
Total number of employees leaving employment	1710	1814	
Rate of employees leaving employment	12%	12%	
Total number of employees hired	2260	2080	
Rate of employees hired	15%	15%	
Number and rate of employees leaving by gender			
Number of males leaving	1406	1480	
Rate of males leaving	12%	13%	
Number of females leaving	304	334	
Rate of females leaving	12%	13%	
Number and rate of employees hired by gender			
Number of males hired	1845	1699	
Rate of males hired	15%	15%	
Number of female hired	414	381	
Rate of females hired	16%	15%	
Number and rate of employees leaving by age group			
Number of <30 age group	507	624	
Rate of <30 age group	22%	29%	
Number of 30-50 age group	776	826	
Rate of 30-50 age group	9%	10%	
Number of >50 age group	427	364	
Rate of >50 age group	10%	9%	
Number and rate of employees hired by age group			
Number of <30 age group	1083	1050	
Rate of <30 age group	55%	48%	
Number of 30-50 age group	1000	924	
Rate of 30-50 age group	12%	12%	
Number of >50 age group	176	106	
Rate of >50 age group	4%	3%	
Number and rate of employees leaving by region			
Number leaving in home country	709		
Rate leaving in home country	10%		
Number leaving in OECD countries (include home country if appropriate)	1344		

Rate leaving in OECD countries (include home country if appropriate)	12%
Number leaving in non-OECD countries (include home country if appropriate)	366
Rate leaving in non-OECD countries (include home country if appropriate)	11%
Number and rate of employees hired by region	
Number hired in home country	1030
Rate hired in home country	14%
Number hired in OECD countries (include home country if appropriate)	1727
Rate hired in OECD countries (include home country if appropriate)	15%
Number hired in non-OECD countries (include home country if appropriate)	532
Rate hired in non-OECD countries (include home country if appropriate)	15%

 We publicly disclose information regarding employee-turnover rate

C46

Link / document: <http://sustainability.owe...>

C46

We only disclose our overall turnover rate, not broken out into other demographics.

GRI Reporting Level: The GRI data provided is considered: Full

Diversity Indicators GRI LA13**Composition of governance bodies and breakdown of employees per employee category according to gender, age group, minority group membership, and other indicators of diversity.**

	Male		Female		Minority groups		Age groups		
	Number	%	Number	%	Number	%	% <30 yrs old	% 30-50 yrs old	% >50 yrs old
Governance body (e.g., board) members	10	83	2	17	1	8		8	92

	Male			Female			Minority Groups			Age groups		
	Global number	% in home country	Global %	Global number	% in home country	Global %	Global number	% in home country	Global %	% <30 yrs old	% 30-50 yrs old	% >50 yrs old
Employees by job category (per company breakout)												
Total (sum of all must match LA1)	12102		51	2616		46						
Managers	697	71	29	152	70	30						
Officers	52	87	13	7	100							
All other Staff	2244	51	49	1167	59	41						
Primary	9109	46	54	1290	47	53						
Total Workforce										16	56	28

Data publicly available:

No

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

As in years past we are attaching our Proxy Statement to support the answer of this question.

References

 [2013 Proxy Statement](#)

Female to Male Salary Ratio GRI LA14

Ratio of basic salary and remuneration of women to men by employee category, by significant locations of operation.

GRI Reporting Level: The GRI data provided is considered: Not Reported

Reason for Omission:**No Data Provided**

Business Sensitive

Explanation in Additional Comments below

Additional Comments:

We feel this information is business confidential, therefore, we will not disclose the data.



INNOVATIONS FOR LIVING™

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Environment: Principle 7

Businesses should support a precautionary approach to environmental challenges.

Systems

Environmental, Health & Safety Policy:

<http://sustainability.owenscorning.com/ehs-policy>

Product Safety:

<http://sustainability.owenscorning.com/product-safety>

Environmental Footprint:

<http://sustainability.owenscorning.com/environmental-footprint>

Environmental Remediation:

<http://sustainability.owenscorning.com/environmental-remediation>

Biodiversity:

<http://sustainability.owenscorning.com/biodiversity>

Actions

Owens Corning seeks to ensure that our products and technology comply with or exceed all applicable laws, regulations and approval standards to protect the environment and human life or health. Our product stewardship programs are designed to ensure the integrity of our products and the processes used to develop, produce and manage them.

Performance Indicators

Relevant GRI Indicators:

4.11

Explanation of whether and how the precautionary approach or principle is addressed by the organization.

[Precautionary Approach](#)

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Precautionary Approach GRI 4.11**Explanation of whether and how the precautionary approach or principle is addressed by the organization.**

Owens Corning with respect to the precautionary approach, ensures that our products and technology comply with or exceed all applicable laws, regulations and approval standards to protect the environment and human life and health. Our product stewardship programs are designed to ensure integrity of our products and the processes used to develop, produce and manage them. Owens Corning is confident that these efforts are consistent with and meet the expectation of the precautionary approach.

GRI Reporting Level: The GRI data provided is considered: Full



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Environment: Principle 8

Businesses should undertake initiatives to promote greater environmental responsibility.

Systems

2020 Environmental Footprint Reduction Goals:

<http://sustainability.owenscorning.com>

Environmental, Health & Safety Policy:

<http://sustainability.owenscorning.com>

Product Safety:

<http://sustainability.owenscorning.com>

Environmental Footprint:

<http://sustainability.owenscorning.com>

Environmental Remediation:

<http://sustainability.owenscorning.com>

Biodiversity:

<http://sustainability.owenscorning.com>

Business Code of Conduct:

<http://www2.owenscorning.com>

Supplier Code of Conduct:

<http://sustainability.owenscorning.com>

Actions

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. The people of Owens Corning are committed to expanding our impact through sustainability to deliver on this purpose. Our commitment to sustainability starts with the Board of Directors and runs through the management teams and employees around the globe.

We are proud of our accomplishments this past year to further reduce our environmental footprint. But, footprint reduction alone doesn't define our values. We have initiated the exciting work of understanding, measuring and expanding our handprint – creating a net-positive impact of our company and its products.

Our 2013 Sustainability Report is a record of our achievements. It also includes candid acknowledgment that much more is needed to achieve our aspiration of expanding our impact through sustainability. Our progress is embedded across all aspects of our company and highlighted below:

Safety:

- Extended our industry-leading track record of safety achievement with performance comparable to 2012.
- Expanded our aspiration in safety beyond accident prevention to “Living Safely.”

Operations Sustainability:

- Continued progress toward meeting our ambitious 2020 environmental footprint goals, including intensity reductions in energy, GHG, particulate, air emissions and water use.
- Deployed renewable energy solutions at larger scale, including commissioning the largest on-site solar PV system in the state of New York at our Delmar EcoTouch™ Insulation plant.
- Increased our waste to landfill, due in part to the loss of glass fiber recycling outlets. To reverse this trend, we have made securing more reliable glass fiber waste recycling a priority.

Product Sustainability:

- Extended our product life cycle sustainability and transparency. We expect to meet our goal of publishing

transparency documentation on all our core products by year-end 2015.

- Published our industry-leading FOAMULAR® Environmental Product Declaration (EPD) in support of the green building market and collaborated broadly with stakeholders to develop meaningful health-related transparency documentation.
- Recycled one million tons of asphalt shingles in North America, representing approximately 10 percent of the market.

Supply Chain Sustainability:

- Doubled our freight miles driven on natural gas (converted from diesel), paving the way to run 15% Natural Gas Miles in 2014; our goal is 50 percent by 2020.
- Established networks of shippers, carriers, refueling stations, and trucks utilizing natural gas and expanded supplier collaborations to advance our sustainability goals.

Energy Efficiency Collaboration:

- Published a comprehensive Residential Builders Guide, detailing optimum design solutions for all performance levels and all climate zones, to enable high performance buildings to gain scale.
- Participated in the launch of a new glass fiber reinforcement product to deliver lighter and stronger thermoplastic solutions for the global automotive market. This product was launched by BASF under the Ultracom™ thermoplastic composite system banner and made possible by the co-development collaborations between Owens Corning, BASF, and TenCate Advanced Composites.
- Continued to drive net-zero energy building capabilities and improved cost, performance, durability and safety through partnerships with customers, specifiers, architects and builders in both the residential and commercial markets.

Climate Advocacy:

- Signed the Climate Declaration calling on the U.S. policymakers to address climate change and joined the Business for Innovative Climate & Energy Policy (BICEP) advocacy organization.

Strategic Philanthropy:

- Assisted nearly 4,000 families through the donation of insulation and roofing materials for their homes.
- Expanded our health and educational assistance to China, India and Mexico, including a project in China that is impacting the lives of more than 5,500 children each year by constructing nutritional food kitchens in rural schools.
- Donated 0.53% of EBIT to non-profit organizations and participated in community programs at over half of our worldwide facilities.

Recognition:

- Awarded the Green Cross for Safety medal from the National Safety Council for leadership and progress in safety.
- Achieved a perfect score on the Human Rights Campaign Corporate Equality Index for the tenth consecutive year.
- Listed on the Dow Jones Sustainability World Index for the fourth consecutive year, and received the RobecoSam Dow Jones Sustainability Index 2014 Gold Award, and named Industry Leader in Sustainability.


We are proud of our achievements. We have more to do on the path to becoming a net-positive company. We are expanding collaborations that increase customer value, elevate supplier expectations, and increase our impact on energy efficiency as a key driver for climate change mitigation. We are streamlining our global environmental management systems, increasing transparency in products, and expanding the level and geographic reach of our community investment activities.


Performance Indicators


Relevant GRI Indicators:


EN2

Percentage of materials used that are recycled input materials. [Use of Recycled Input](#)

 [2014 SCS recycled content certification Canada Fiberglass products](#)

 [2014 SCS recycled content certification heavy density fiberg...](#)

 [2014 SCS recycled content certification unfaced light densit...](#)



 [2014 SCS recycled content certification Foamular](#)

 [2014 SCS recycled content faced fiberglass insulation](#)

EN5

Energy saved due to conservation and efficiency

[Energy Saved](#)

	improvements.	
EN7	Initiatives to reduce indirect energy consumption and reductions achieved.	Reduce Indirect Energy
EN10	Percentage and total volume of water recycled and reused.	Water Reused
EN13	Habitats protected or restored.	Restored Habitats
EN14	Strategies, current actions, and future plans for managing impacts on biodiversity.	Biodiversity Strategy
EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved by follow:	Greenhouse Gas Reductions
EN21	Total water discharge by quality and destination.	Water Discharge
EN22	Total weight of waste by type and disposal method.	Total Waste
EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.	Mitigate Product Impact
EN27	Percentage of products sold and their packaging materials that are reclaimed by category.	Sold Products Packaging Reclaimed  2013 Recycling Sustainability Webpage  2013 Roofing web page, Recycling
EN30	Total environmental protection expenditures and investments by type.	Environmental Protection Expenditures

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Use of Recycled Input GRI EN2**Percentage of materials used that are recycled input materials.**

Recycled Input Materials 2013 2012 2011

Volume: C2

% used:

Data publicly available:

Yes

C2

Owens Corning has chosen not to report in volumes as different products have different units of measure and certification levels can be seen for each product line.

GRI Reporting Level: The GRI data provided is considered: Not Reported**Additional Comments:**

The % of company revenues is reported above which includes our composites glass and building materials segments, but in just looking at our building materials business 34% of all building materials produced use recycled content above 30% and adding our XPS foam insulation at 20% recycled content raises the total to 40% of building materials revenue.

Our North American residential fiberglass insulation is Scientific Certification Systems certified to at least 58% recycled content and accounted for 20% of our worldwide Building Materials revenues in 2013.

Our North American commercial and industrial fiberglass insulation is also Scientific Certification Systems certified to includes a minimum of 57% recycled content and accounted for 14% of Building Materials revenues in 2013.

Certification documents can be found at <http://www.scscertified.c...>

Remaining products in building materials are Extruded polystyrene foam products, asphalt and roofing shingles. We have 20% certified recycle content in our foam products and some plants in our roofing production process are recycling up to about 10% but this varies by location, so most of our building products are using some level of recycle content and for those that are not, we are seeking ways to introduce recycled materials.

References

-  2014 SCS recycled certification Canada Fiberglass products
-  2014 SCS recycled content certification heavy density fiberg...
-  2014 SCS recycled content certification unfaced light densit...
-  2014 SCS recycled content certification Foamular
-  2014 SCS recycled content faced fiberglass insulation

Energy Saved GRI EN5**Energy saved due to conservation and efficiency improvements.**

Unit (in joules or multiples of joules): GJ	2013	2012	2011
Total energy saved	140400	279080	233481

☐ Publicly disclosed.

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Given we are manufacturing company, our operations are energy intensive and thus we focus on strategizing when, where and how we should invest in energy efficiency improvements. We are focusing our investments on improvements, upgrades and innovations on energy efficiency. In 2013 OC launched new initiatives around lighting retrofit, compressed air optimization, plant interior lighting upgrades, ultra-sound detection of air leaks, parking lighting, and cooling tower upgrades that stand to generate energy savings of more than 39,000 MWh and potentially drive change across our entire enterprise.

Reduce Indirect Energy GRI EN7**Initiatives to reduce indirect energy consumption and reductions achieved.**

Existing initiatives to reduce indirect energy use:

Owens Corning has adopted online meeting collaboration software between employees and outside vendors, video conferencing, and expansion of virtual conference rooms to global sites. Owens Corning has arrangements with a carrier to use LPG fueled trucks in servicing facilities. Additionally we participate in the EPA Smart Way Shipper Program that uses carriers that are more energy efficient. Stating these items above, currently we do not track these reductions in detail.

Unit (in joules or multiples of joules):

2013 2012 2011

Reduction of indirect energy used in energy-intensive materials

Reduction of indirect energy used in subcontracted production

Reduction of indirect energy used in business-related travel

Reduction of indirect energy used in employee commuting

Assumptions and methodologies used to calculate indirect energy use, and indicate source of information:

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning has adopted online meeting collaboration software between employees and outside vendors, video conferencing, and expansion of virtual conference rooms to global sites. Owens Corning has arrangements with a carrier to use LPG fueled trucks in servicing facilities. Additionally we participate in the EPA Smart Way Shipper Program that uses carriers that are more energy efficient. Stating these items above, currently we do not track these reductions in detail.

Water Reused GRI EN10**Percentage and total volume of water recycled and reused.**

Report in cubic meters (m3)	2013	2012	2011
Total volume of water recycled/reused	532889	401114	852267
Recycled water as a percentage of total water withdrawal	5	4	8

Water recycling program exists:

Yes

Total amount of recycled water used is publicly disclosed:

Yes

The percentage of total water use that is satisfied through the use of recycled water is publicly disclosed:

Yes

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning has defined an enterprise wide Water Policy covering all business units and geographies. This policy was initiated in 2012 and finalized in 2013 by a dedicated core team consisting of environmental leaders from business units, facilities and the corporate office. This core team was supported by water experts and external consultants to help them document the product-specific water balance maps, calculation methodologies for recycling, reuse & re-circulated water, and water intensity numbers. We continue to collect water related information from our facilities to understand water use, sewer discharge costs, named sources of water extraction and wastewater discharge destinations both for our facilities that are direct dischargers and those that discharge indirectly through municipal treatment providers. In 2013, this data was collected from all facilities using our proprietary in house excel based tool (as defined in section 2.8.3 above) and was utilized to further refine our water balance maps, evaporation and recycling rates. Furthermore this data was mapped to the water risk assessment results (as calculated by Aquaduct) and to the results of the water verification study (as conducted by the 3rd party verification) to map our Top 10 plants for implementing special water programs and initiatives.

In the previous years Owens Corning reported the values of both recycled and recirculated water together. One of our business units is showing over 2000% recirculated water in 2013.

Going forward we will be reporting recycled and recirculated water separately to enable better tracking and management of our water resources.

Restored Habitats GRI EN13**Habitats protected or restored.**

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning is not restoring any lands as a part of raw materials extraction or any other land disturbing business. Owens Corning is not in businesses that remove minerals or other resources on or under the land. We focus on meeting regulatory requirements for all releases of air, water, waste, implementing footprint reductions beyond compliance and follow our corporate environmental policies and guidelines, and conduct periodic assessments to assure proper operations. We engage stakeholders as necessary. Environmental considerations including natural resource protection are taken into account as part of capital project planning and internal approval. We have a new proactive program to promote the use of more native vegetation on our properties to enhance indigenous and migrating wildlife.

Owens Corning does have three small closed landfills and a closed and dismantled plant location in the Pinelands of New Jersey, a listed Biosphere site. They comprise a total of 164 acres. The landfills are properly capped, vegetated, routinely inspected and they attract wildlife. The former manufacturing property is undergoing groundwater remediation, but we don't believe the site is having any effect on biodiversity.

Biodiversity Strategy GRI EN14**Strategies, current actions, and future plans for managing impacts on biodiversity.**

Owens Corning has assessed and continues to assess our biodiversity risks and have determined we have no risk or opportunities related to biodiversity for all of our manufacturing locations.

Owens Corning evaluates its impact on sensitive sites and species by evaluating our operational activities, impacts and locations against the location databases of various sensitive sites and species on an annual basis. We have a good understanding of our risk profile in the biodiversity aspect.

We conduct annual evaluations of all of our current operating and new facilities with respect to proximity to special global bio diverse sites some of which added new diverse sites to their listings for 2013:

UNESCO World Heritage Sites - Owens Corning has no global manufacturing facilities that are either in or adjacent to any of the nature sites and mixed cultural/nature sites listed on the list.

UNESCO Biosphere Reserves - Owens Corning has no global operating manufacturing facilities that are either on or adjacent to any Biosphere sites.

Owens Corning does have three small closed landfills and a closed and dismantled plant location in the Pinelands of New Jersey, a listed Biosphere site. They comprise a total of 164 acres. The landfills are properly capped, vegetated, routinely inspected and they attract wildlife. The former manufacturing property is undergoing groundwater remediation, but we don't believe the site is having any effect on biodiversity.

RAMSAR Convention on Wetlands - Owens Corning has no facilities either on or adjacent to any of the listed wetlands.

AZE (Alliance for Zero Extinction) epicenters of imminent extinctions which uses the IUCN red List of Threatened Species- Owens Corning has no facilities either on or adjacent to any of the AZE listed sites.

Natura 2000 (Europe) - Owens Corning has no facilities that are either on or adjacent to any of these sites.

Owens Corning also organizes various events on Earth day and encourages all their facilities worldwide to participate. This year numerous events were planned at Owens Corning facilities, including:

- planting wild flower seeds
- going paper free for one day
- incineration of thousands of pounds of leftover paint, stains and varnishes instead of sending it to landfills
- planting trees
- opening of an environmental friendly community garden at a research and technology location

GRI Reporting Level: The GRI data provided is considered: Full

Greenhouse Gas Reductions GRI EN18**Initiatives to reduce greenhouse gas emissions and reductions achieved by Owens Corning follow:**

Theme	Description of initiative/activity	Reductions in GHG/CO2 emissions achieved	% Total emissions	Investment in (currency):	Start date of initiative	Duration of initiative (years)
Fuel switching (e.g. investment in 'green electricity')	Our Compton, CA roofing and asphalt plant installed a fuel cell to offset their purchased electricity in 2011. The start date was December 1, 2011. Most of the benefits of this change occurred in 2012.	1,003 metric tonnes	less than 1%		12/01/2011	2
Research & development in low carbon technologies			%			
Production of low carbon technologies			%			
Generation of renewable energy			%			
Product/service innovation			%			
Carbon capture and storage (sequestration)			%			
*Demand-side management (e.g. working with customers)			%			
New business model (e.g. switch from manufacturing to service model)			%			
Breakthrough project - any initiative resulting in >25% reduction in total emissions			%			
Other	Natural gas leak detection program	16,496 metric tonnes	less than 1%		01/01/2012	1
Other	Elimination of high greenhouse gas (GHG) blowing agents from our global extruded polystyrene (XPS) foam operations	408,907 metric tons	% 9		01/01/2010	3
Other			%			
Operations covered (in percent)	% 100					

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

- Energy Projects in the Building Materials and Composite Businesses -In 2013 , Owens Corning has implemented and completed 60 small Energy Projects in the Building Materials and Composite Businesses across the globe. These projects included initiatives such as lighting upgrades to large scale programs which helped Owens Corning achieve an estimated 19,182 metric tonnes CO2e of annual CO2e savings.

- Low/No Cost Energy Savings activities in the Building Materials and Composite Businesses - In 2013 , Owens Corning has implemented and completed 105 Low Cost and/or No Cost Energy savings activities in the Building Materials and Composite Businesses. An example of our continuous improvement initiatives: Owens Corning has developed an energy network and assigned energy leaders to share best practices periodically. This has helped helped Owens Corning achieve an estimated 20,466 metric tonnes CO2e of annual CO2e savings.

Water Discharge GRI EN21**Total water discharge by quality and destination.**

Unit: Cubic Meter	2013	2012	2011
<input checked="" type="checkbox"/> †Company can identify discharges of water from operations by destination, treatment and by quantity and quality using standard effluent parameters.	Volume planned and unplanned water discharges	Volume of effluents or process water in discharges (if applicable indicate parameters):	Volume planned and unplanned water discharges (if applicable indicate parameters):
Destination: POTW (Municipality)	4552560	5061146	4758531
Destination: Surface Water	1288178	1060401	782101
Destination: Other	1885361	829061	898251
Treatment method:			
Water discharge reused by another organization	833200	4324	

Data publicly available:

GRI Reporting Level: The GRI data provided is considered: Full**Additional Comments:**

The following are water pollutants in metric tonnes discharged from facilities that track and report. Some of the facilities that discharge to municipality treatment works do not have contaminant concentrations. However these treatment works are required to meet local and country treatment and surface water quality standards. (Company discharges reaching the environment have been treated where required.) We continue to improve our reporting information which explains increasing trends and is not an indication of more impact on the environment.

2011 - TSS 356.43 MT
 2011 - BOD 157.60 MT
 2011 - COD 1,543.64 MT
 2012 - TSS 921.14 MT
 2012 - BOD 329.11 MT
 2012 - COD 2,284.44 MT
 2013 - TSS 939.15 MT
 2013 - BOD 347.28 MT
 2013 - COD 2,508.97 MT

Owens Corning tracks and reports its discharge quantities across all facilities. Each of our facilities is governed by a waste water discharge permit which outlines the quality of discharge. Utilizing onsite & offshore effluent treatment systems, we are ensuring that the discharge water quality is as per the permit levels. In most cases, we are maintaining our water quality above the specified base minimum thresholds.

In 2013, Owens Corning's water discharges totaled to 7,726,099 cubic meters. This represents an increase by 11% in absolute value as compared to the prior year 2012, which can be directly linked to production output. Discharges declined into the municipal waste water system while it is increased for surface water and discharges offsite to other treatment sources like POTW (Publicly Owned Treatment Works).

In addition, there were no significant breaches or fines regarding non compliance of water discharges.

Total Waste GRI EN22**Total weight of waste by type and disposal method.**

Unit: Metric Tons

How the method of disposal was
determined:
From manifests and bills of lading

Waste by method of disposal				Data Coverage	
2013	Hazardous	Non-hazardous	Total	2013 Target	% / % of (e.g. revenues)
Compost	-	217	217		
Reuse					
Recycling	2835	238015	240849		100 units of production
Recovery					
Incineration	264	692	955		
Incineration for energy recovery	684	1226	1910		
Landfill	1059	269000	270058		100 units of production
Deep well injection					
On-site storage					
Returned to supplier	-	136	136		
Others or Unknown	1436	695	2130		Total waste coverage: % / % of
2013 Total:	6277	509979	516256		100 units of production
2013 Target:					
2012	Hazardous	Non-hazardous	Total	2012 Target	% / % of (e.g. revenues)
Compost	-	15	15		
Reuse					
Recycling	1925	244103	246029		100 units of production
Recovery					
Incineration	6	841	847		
Incineration for energy recovery	57	1503	1560		
Landfill	91	256393	256484		100 units of production
Deep well injection					
On-site storage					
Returned to supplier	-	47	47		

Others or Unknown	2298	226	2524		Total waste coverage: % / % of
2012 Total:	4378	503128	507506		100 units of production
2012 Target:					
2011	Hazardous	Non-hazardous	Total	2011 Target	% / % of (e.g. revenues)
Compost	-	10	10		
Reuse					
Recycling	592	274237	274829		100 units of production
Recovery					
Incineration	1	643	644		
Incineration for energy recovery	241	619	860		
Landfill	54	215654	215708		100 units of production
Deep well injection					
On-site storage					
Returned to supplier	-	759	759		
Others or Unknown	2259	145	2405		Total waste coverage: % / % of
2011 Total	3146	492068	495214		100 units of production
2011 Target:					
2010	Hazardous	Non-hazardous	Total	Target for 2010	% / % of (e.g. revenues)
Compost	-	10	10		
Reuse					
Recycling	342	179709	180051		100 units of production
Recovery					
Incineration	-	521	521		
Incineration for energy recovery	24	463	487		
Landfill	195	250135	250330		100 units of production
Deep well injection					
On-site storage					
Returned to supplier	-	464	464		
Others or Unknown	2784	915	3699		Total waste coverage: % / % of

2010 Total	3346	432217	435563	100
				units of production

2010 Target:

Third party verification

Data publicly available:

Included in disclosure:

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

In 2013, Owens Corning is reporting a 6% increase in their waste intensity to landfills, as compared to the base year of 2010 which is attributable to losses in large recycling opportunities at several major facilities in the current calendar year. Although we recognize an increase in our overall waste to landfill Owens Corning has evaluated several waste opportunities which have resulted in significant reductions in our waste to landfill, including:

- process waste as alternative raw material for cement kilns
- plant waste with high BTU content as alternative fuel for cement kilns
- applications for scrap glass in ceramic industry
- scrap glass as an alternative raw material input for applications that are typically wood-based
- scrap glass as filler for poly resin-based applications
- process waste used in road paving applications

Owens Corning measures internally the amount of waste to landfill, the amount of waste diverted from the landfill (recycling, reuse, returned to the supplier) and the amount not diverted on a plant by plant basis. Our data additionally includes each waste stream for our inventory. The combination of the data listed above allows to better define areas of improvement and areas where we can implement large scale changes across the region and/or globe.

Internally Owens Corning has set annual reduction targets for waste-to-landfill intensity of 10% per year over a period from 2014 – 2020. We feel this goal strongly correlates to our aggressive externally published goal of waste-to-landfill Intensity reduction of 70%. Owens Corning focuses its strategy on intensity goals and does not establish absolute goals to measure progress. Our business volumes tend to vary based on market conditions in our key businesses and we can see wide variation from year to year as a result.

Mitigate Product Impact GRI EN26**Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.**

All new and significantly modified existing products sold by Owens Corning undergo a comprehensive Product Stewardship Review to ensure that they perform as claimed and are both safe and environmentally sound to make, use and dispose. We have conducted more than 1000 reviews since 1997 and more than 710 since 2006 when the Product Stewardship program was made a mandatory element of our Business Code of Conduct Policy.

Product reviews address all elements of Owens Corning's Environmental, Health, Safety and Product Stewardship Policy, and are carried out by highly qualified Product Stewardship Review Board members. Reviews are conducted at various stages, including the design, development, test market, manufacture and distribution phases.

As part of the product stewardship process, developers are asked to complete a questionnaire that generates a sustainability map of the product throughout its life cycle. This Sustainability Mapping Tool is used to evaluate how the new product or process will impact the company's sustainability goals and to drive decisions in the design phase that will achieve a portfolio of more sustainable products.

Examples of Products that have been assessed:

Through the innovation of EcoTouch® insulation with PureFiber® Technology, Owens Corning customers now enjoy high-performance residential and commercial insulation that is formaldehyde free, made with a biobased binder formulation and certified to have a minimum of 58 percent recycled glass content.

In 2013, Owens Corning continued to make product platform conversions using bio based materials for binder, including equipment, refrigeration and appliance insulation. The company also created a binder-less insulation product using PureSolution Technology™ with initial application in range appliances.

The use of HBCD fire retardant in XPS foam has garnered attention due to the nature of the compound, and Owens Corning has identified a Next Generation Flame Retardant that was positively reviewed in the EPA's Design for the Environment report. Conversion of foam plants was initiated in the 4th quarter of 2013. Certification is continuing with a product launch planned in mid-2014.

Owens Corning has been using Life Cycle Assessments (LCA) for their products since 2006 with a 2015 Company goal which is on track to have full LCAs on all of our core products. We have Environmental Product Declarations (EPD's) on 4 major Building Material product lines.

GRI Reporting Level: The GRI data provided is considered: Full

Sold Products Packaging Reclaimed GRI EN27**Percentage of products sold and their packaging materials that are reclaimed by category.**

Category of product sold	% of reclaimed products and their packaging materials in 2013	% of reclaimed products and their packaging materials in 2012	% of reclaimed products and their packaging materials in 2011	How data was collected	
Roofing Shingles	35	23	2	Reported from Owens Corning network of third party shingle recycling sites.	C2

C2

includes product only; end of life recycled shingles in the Owens Corning network of recyclers vs shingles sold. 2010 and 2011 included only Heritage Env. results, 2012 included increased network beyond Heritages sites.

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

We have no reclaim packaging programs in place today.

References

[2013 Recycling Sustainability Webpage](#)



[2013 Roofing web page, Recycling](#)

Environmental Protection Expenditures GRI EN30**Total environmental protection expenditures and investments by type.**

Currency: USD	2013	2012	2011
Waste disposal			
Emissions treatment			
Remediation			
Prevention			
Environmental			
Total environmental protection	5,000,000	6,000,000	3,000,000
Data publicly available:			

GRI Reporting Level: The GRI data provided is considered: Not Reported



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Environment: Principle 9

Businesses should encourage the development and diffusion of environmentally friendly technologies.

Systems

Environmental, Health & Safety Policy:

<http://sustainability.owenscorning.com>

Product Safety:

<http://sustainability.owenscorning.com>

Actions

Owens Corning is continually seeking better technologies for producing products as well as enhancing the characteristics of the products it sells.





Through the innovation of EcoTouch® insulation with PureFiber® Technology, Owens Corning customers can now enjoy high-performance residential and commercial insulation that is formaldehyde free, made with natural materials* and certified to have a minimum of 58 percent recycled glass content. All Owens Corning Residential Insulation products are being manufactured using our patent pending PureFiber® Technology platform.

Performance Indicators

Relevant GRI Indicators:

EN2

Percentage of materials used that are recycled input materials.

[Use of Recycled Input](#)

[2014 SCS recycled certification Canada Fiberglass products](#)

[2014 SCS recycled content certification heavy density fiberglass products](#)

[2014 SCS recycled content certification unfaced light density fiberglass products](#)

[2014 SCS recycled content certification Foamular](#)

[2014 SCS recycled content faced fiberglass insulation](#)

EN5

Energy saved due to conservation and efficiency improvements.

[Energy Saved](#)

EN10

Percentage and total volume of water recycled and reused.

[Water Reused](#)

EN18

Initiatives to reduce greenhouse gas emissions and reductions achieved by follow:

[Greenhouse Gas Reductions](#)

EN26

Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.

[Mitigate Product Impact](#)

EN27

Percentage of products sold and their packaging materials that are reclaimed by category.

[Sold Products Packaging Reclaimed](#)

 [2013 Recycling
Sustainability Webpage](#)
 [2013 Roofing web page.
Recycling](#)

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Use of Recycled Input GRI EN2**Percentage of materials used that are recycled input materials.**

Recycled Input Materials 2013 2012 2011

Volume: C2

% used:

Data publicly available:

Yes

C2

Owens Corning has chosen not to report in volumes as different products have different units of measure and certification levels can be seen for each product line.

GRI Reporting Level: The GRI data provided is considered: Not Reported**Additional Comments:**

The % of company revenues is reported above which includes our composites glass and building materials segments, but in just looking at our building materials business 34% of all building materials produced use recycled content above 30% and adding our XPS foam insulation at 20% recycled content raises the total to 40% of building materials revenue.

Our North American residential fiberglass insulation is Scientific Certification Systems certified to at least 58% recycled content and accounted for 20% of our worldwide Building Materials revenues in 2013.

Our North American commercial and industrial fiberglass insulation is also Scientific Certification Systems certified to includes a minimum of 57% recycled content and accounted for 14% of Building Materials revenues in 2013.

Certification documents can be found at <http://www.scscertified.c...>

Remaining products in building materials are Extruded polystyrene foam products, asphalt and roofing shingles. We have 20% certified recycle content in our foam products and some plants in our roofing production process are recycling up to about 10% but this varies by location, so most of our building products are using some level of recycle content and for those that are not, we are seeking ways to introduce recycled materials.

References

-  2014 SCS recycled certification Canada Fiberglass products
-  2014 SCS recycled content certification heavy density fiberglass...
-  2014 SCS recycled content certification unfaced light densit...
-  2014 SCS recycled content certification Foamular
-  2014 SCS recycled content faced fiberglass insulation

Energy Saved GRI EN5**Energy saved due to conservation and efficiency improvements.**

Unit (in joules or multiples of joules): GJ	2013	2012	2011
Total energy saved	140400	279080	233481

☐ Publicly disclosed.

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Given we are manufacturing company, our operations are energy intensive and thus we focus on strategizing when, where and how we should invest in energy efficiency improvements. We are focusing our investments on improvements, upgrades and innovations on energy efficiency. In 2013 OC launched new initiatives around lighting retrofit, compressed air optimization, plant interior lighting upgrades, ultra-sound detection of air leaks, parking lighting, and cooling tower upgrades that stand to generate energy savings of more than 39,000 MWh and potentially drive change across our entire enterprise.

Water Reused GRI EN10**Percentage and total volume of water recycled and reused.**

Report in cubic meters (m3)	2013	2012	2011
Total volume of water recycled/reused	532889	401114	852267
Recycled water as a percentage of total water withdrawal	5	4	8

Water recycling program exists:

Yes

Total amount of recycled water used is publicly disclosed:

Yes

The percentage of total water use that is satisfied through the use of recycled water is publicly disclosed:

Yes

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning has defined an enterprise wide Water Policy covering all business units and geographies. This policy was initiated in 2012 and finalized in 2013 by a dedicated core team consisting of environmental leaders from business units, facilities and the corporate office. This core team was supported by water experts and external consultants to help them document the product-specific water balance maps, calculation methodologies for recycling, reuse & re-circulated water, and water intensity numbers. We continue to collect water related information from our facilities to understand water use, sewer discharge costs, named sources of water extraction and wastewater discharge destinations both for our facilities that are direct dischargers and those that discharge indirectly through municipal treatment providers. In 2013, this data was collected from all facilities using our proprietary in house excel based tool (as defined in section 2.8.3 above) and was utilized to further refine our water balance maps, evaporation and recycling rates. Furthermore this data was mapped to the water risk assessment results (as calculated by Aquaduct) and to the results of the water verification study (as conducted by the 3rd party verification) to map our Top 10 plants for implementing special water programs and initiatives.

In the previous years Owens Corning reported the values of both recycled and recirculated water together. One of our business units is showing over 2000% recirculated water in 2013.

Going forward we will be reporting recycled and recirculated water separately to enable better tracking and management of our water resources.

Greenhouse Gas Reductions GRI EN18**Initiatives to reduce greenhouse gas emissions and reductions achieved by Owens Corning follow:**

Theme	Description of initiative/activity	Reductions in GHG/CO2 emissions achieved	% Total emissions	Investment in (currency):	Start date of initiative	Duration of initiative (years)
Fuel switching (e.g. investment in 'green electricity')	Our Compton, CA roofing and asphalt plant installed a fuel cell to offset their purchased electricity in 2011. The start date was December 1, 2011. Most of the benefits of this change occurred in 2012.	1,003 metric tonnes	less than 1%		12/01/2011	2
Research & development in low carbon technologies			%			
Production of low carbon technologies			%			
Generation of renewable energy			%			
Product/service innovation			%			
Carbon capture and storage (sequestration)			%			
*Demand-side management (e.g. working with customers)			%			
New business model (e.g. switch from manufacturing to service model)			%			
Breakthrough project - any initiative resulting in >25% reduction in total emissions			%			
Other	Natural gas leak detection program	16,496 metric tonnes	less than 1%		01/01/2012	1
Other	Elimination of high greenhouse gas (GHG) blowing agents from our global extruded polystyrene (XPS) foam operations	408,907 metric tons	% 9		01/01/2010	3
Other			%			
Operations covered (in percent)	% 100					

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

- Energy Projects in the Building Materials and Composite Businesses -In 2013 , Owens Corning has implemented and completed 60 small Energy Projects in the Building Materials and Composite Businesses across the globe. These projects included initiatives such as lighting upgrades to large scale programs which helped Owens Corning achieve an estimated 19,182 metric tonnes CO2e of annual CO2e savings.

- Low/No Cost Energy Savings activities in the Building Materials and Composite Businesses - In 2013 , Owens Corning has implemented and completed 105 Low Cost and/or No Cost Energy savings activities in the Building Materials and Composite Businesses. An example of our continuous improvement initiatives: Owens Corning has developed an energy network and assigned energy leaders to share best practices periodically. This has helped helped Owens Corning achieve an estimated 20,466 metric tonnes CO2e of annual CO2e savings.

Mitigate Product Impact GRI EN26**Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.**

All new and significantly modified existing products sold by Owens Corning undergo a comprehensive Product Stewardship Review to ensure that they perform as claimed and are both safe and environmentally sound to make, use and dispose. We have conducted more than 1000 reviews since 1997 and more than 710 since 2006 when the Product Stewardship program was made a mandatory element of our Business Code of Conduct Policy.

Product reviews address all elements of Owens Corning's Environmental, Health, Safety and Product Stewardship Policy, and are carried out by highly qualified Product Stewardship Review Board members. Reviews are conducted at various stages, including the design, development, test market, manufacture and distribution phases.

As part of the product stewardship process, developers are asked to complete a questionnaire that generates a sustainability map of the product throughout its life cycle. This Sustainability Mapping Tool is used to evaluate how the new product or process will impact the company's sustainability goals and to drive decisions in the design phase that will achieve a portfolio of more sustainable products.

Examples of Products that have been assessed:

Through the innovation of EcoTouch® insulation with PureFiber® Technology, Owens Corning customers now enjoy high-performance residential and commercial insulation that is formaldehyde free, made with a biobased binder formulation and certified to have a minimum of 58 percent recycled glass content.

In 2013, Owens Corning continued to make product platform conversions using bio based materials for binder, including equipment, refrigeration and appliance insulation. The company also created a binder-less insulation product using PureSolution Technology™ with initial application in range appliances.

The use of HBCD fire retardant in XPS foam has garnered attention due to the nature of the compound, and Owens Corning has identified a Next Generation Flame Retardant that was positively reviewed in the EPA's Design for the Environment report. Conversion of foam plants was initiated in the 4th quarter of 2013. Certification is continuing with a product launch planned in mid-2014.

Owens Corning has been using Life Cycle Assessments (LCA) for their products since 2006 with a 2015 Company goal which is on track to have full LCAs on all of our core products. We have Environmental Product Declarations (EPD's) on 4 major Building Material product lines.

GRI Reporting Level: The GRI data provided is considered: Full

Sold Products Packaging Reclaimed GRI EN27**Percentage of products sold and their packaging materials that are reclaimed by category.**

Category of product sold	% of reclaimed products and their packaging materials in 2013	% of reclaimed products and their packaging materials in 2012	% of reclaimed products and their packaging materials in 2011	How data was collected	
Roofing Shingles	35	23	2	Reported from Owens Corning network of third party shingle recycling sites.	C2

C2

includes product only; end of life recycled shingles in the Owens Corning network of recyclers vs shingles sold. 2010 and 2011 included only Heritage Env. results, 2012 included increased network beyond Heritages sites.

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

We have no reclaim packaging programs in place today.

References

[2013 Recycling Sustainability Webpage](#)



[2013 Roofing web page, Recycling](#)



[Back to previous page](#)

Anti-corruption: Principle 10

Businesses should work against corruption in all its forms, including extortion and bribery.

Systems

Business Code of Conduct:

<http://www2.owenscorning....>

Supplier Code of Conduct:

<http://sustainability.owe...>

Actions

Owens Corning has an anti-corruption policy and expects all employees and suppliers to comply with it. Each year all employees are required to complete a training course on the Owens Corning Corporate Code of Business Conduct Policy and attest to their adherence to it.

Performance Indicators

Relevant GRI Indicators:

SO2	Percentage and total number of business units analyzed for risks related to corruption.	Corruption Risk
SO3	Percentage of employees trained in organization's anti-corruption policies and procedures.	Anti-Corruption Training
SO4	Actions taken in response to incidents of corruption.	Corruption Response

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Corruption Risk GRI SO2**Percentage and total number of business units analyzed for risks related to corruption.**

	2013	2012	2011	
Total number of business units analyzed for risks related to corruption	4	4	4	C2
Percentage of business units analyzed for risks related to corruption	100	100	100	

C2

Reported by Region: Asia Europe NAmerica Latin America

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Reported by Region: Asia, Europe, North America, and Latin America

Anti-Corruption Training GRI SO3**Percentage of employees trained in organization's anti-corruption policies and procedures.**

	2013	2012	2011
Percentage of total number of management employees who have received anti-corruption training	100	100	100
Percentage of total number of non-management employees who have received anti-corruption training	100	100	100

GRI Reporting Level: The GRI data provided is considered: Full

Additional Comments:

Owens Corning staff employees (approx 4,500) receive online anti-corruption training as part of the business code of conduct training reported in the Human Rights Training Section GRI HR3. All other employees receive face-to-face training.

Corruption Response GRI SO4**Actions taken in response to incidents of corruption.**

	2013	2012	2011
Total number of incidents in which employees were dismissed or disciplined for corruption	0	0	0
Total number of incidents when contracts with business partners were not renewed due to violations related to corruption	0	0	0

Please explain any litigation or investigation regarding bribery or corrupt practices brought against the company or its employees over the last three years, including a description of the investigation or litigation, the allegations, the company's response, and the current status of any legal proceedings. Please also explain the outcomes, including any fines, penalties, or settlements paid in connection with those proceedings:

Internal anonymous report of corruption through the Business Conduct Helpline alleging corrupt activity in Mexico. The matter was fully investigated through internal resources and external legal and accounting resources. The matter was closed with no finding of wrong doing.

GRI Reporting Level: The GRI data provided is considered: Full



Sustainability

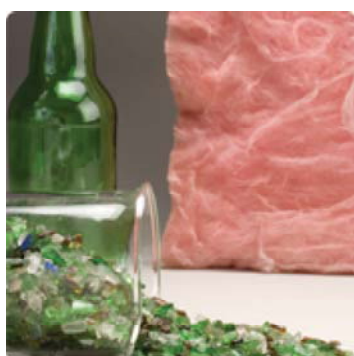


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Recycling



Owens Corning is one of the largest users of recycled glass in the world, using over 1 billion pounds annually of curbside consumer containers and pre-consumer recycled glass.

It only takes a six pack of beer bottles or one wine bottle to insulate a standard 16" on center 8' cavity.

Not only does this decrease community landfill waste, but it also lowers our energy use when manufacturing insulation, since starting with raw materials such as sand requires more energy. In addition, we're the first roofing manufacturer to establish a program for recycling shingles.

Recycled Content

When it comes to using recycled glass content in our insulation, we use as much as we can get. Through the years, we have increased our use of recycled glass, working in collaboration with municipalities and partners throughout the supply chain to increase recycled glass collection and processing. However, looking forward, we are finding that demand is higher than supply, and still three quarters of today's glass waste is being landfilled. This is a problem we would like to solve.

Our light density fiberglass insulation is certified to have a minimum of 58 percent recycled content and in some areas we have as much as 73 percent, while continuing to provide the same energy-saving performance our customers expect.

Our Foamular® XPS products use a minimum of 20 percent recycled content, utilizing waste from various foam manufacturing operations.

Both product lines are certified by Scientific Certification Systems for recycled content, providing building professionals documentation that these products can contribute to meeting green building guidelines such as LEED® certification.

Other Owens Corning products, including roofing products, have recycled content dependent on where they are produced. Contact 1-800-GET-PINK® for more information on recycled content in any of our products.

Shingle Recycling



Owens Corning Roofing and Asphalt, LLC is the first roofing manufacturer to establish a program for recycling shingles. We connect contractors with convenient recycling facilities through a national strategic alliance with Earth911.com and Heritage Environmental Services.

As part of this groundbreaking program, contractors take the Preferred Contractor Shingle Recycling Pledge, committing to recycle their shingle tear-offs. Currently there are over 100 major cities with recycling locations. Sixty percent of the United States population is covered by these locations allowing us to add the label “*Shingles are Recyclable.*”

Homeowners can also commit to recycling by taking their version of the Shingle Recycling Pledge and selecting a contractor who recycles shingles from Owens Corning’s contractor locator page.

Since the program began in 2009, we’ve recycled over 1.6 million tons of shingles, the equivalent of approximately 525,000 roofs. Every recycled roof is comparable to recycling more than 100 percent of a year’s worth of household waste. The recycled shingles provide oil in the form of asphalt for beneficial reuse typically in paving.

Giving Glass a Second Life

Owens Corning and Boulevard Brewery in Kansas City, Missouri, USA, 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,, 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 are now able to drop off their jars and bottles at 60 locations around the city. Ripple 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. Read the [case study](#).

Document Library

- [Materials Safety Data Sheet \(MSDS\) Database](#)
- [EHS and Product Stewardship Policy](#)
- [EcoTouch Flame Spread 25 Transparency Summary](#)
- [EcoTouch Foil Faced Insulation Transparency Summary](#)
- [FOAMULAR XPS Insulation Transparency Summary](#)
- [Kraft-Faced Insulation Transparency Brief](#)
- [Unfaced Insulation Transparency Brief](#)
- [Unbonded Loosefill Transparency Brief](#)
- [NAIMA Heavy Density Mineral Wool Board Transparency Summary](#)
- [NAIMA Light Density Mineral Wool Board Transparency Summary](#)
- [Sustainability Literature](#)



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Sustainable Roofing – Guides, Energy Solutions and Recycling Opportunities

As a world leader in building materials and composite solutions, Owens Corning delivers a broad range of high-quality products and services. But did you know that Owens Corning also offers leadership in creating sustainable solutions for the roofing industry? Check out some Owens Corning sustainable roofing practices below.



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Here are more details on what Owens Corning Roofing and Asphalt is doing to guide you in meeting your sustainable roofing goals and green rating systems:

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ENERGY STAR® rated roofing products — save on energy costs, beautifully



In areas with substantial sunlight, Owens Corning™ Roofing can help save energy† costs with our ENERGY STAR® rated roofing products. The

following Owens Corning™ shingles are ENERGY STAR® rated for their ability to reflect the sun's rays and keep roofs cool, resulting in a more comfortable living space below.

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Shingle recycling — help pave the way to a better world



Click to start

DESIGNEye 
Visualization Experience
designing your roof
»



Owens Corning Roofing and Asphalt Shingle Recycling Program

Turn your old roof into a road and pave the way to a better world. Learn more about Owens Corning Roofing and Asphalt Shingle Recycling Program.

Related Pages

[How Much Do You Need for Roofing?](#)

»

[What to Expect When Getting a New Roof](#) »



Owens Corning Roofing and Asphalt, LLC was the first roofing manufacturer to help create a process that increases shingle recycling and

material reuse across the country. We're working with shingle recyclers to turn old shingles into new roads.

[Learn More](#)

Asphalt products are the most recycled products in the United States.[^] The Owens Corning Roofing and Asphalt Shingle Recycling Program is available in most major markets around the United States, and many of our shingle products are labeled as recyclable on the package.

[^] Per NAPA Information Series 138, 2nd Annual Asphalt Pavement Industry Survey on Reclaimed Asphalt Pavement, Reclaimed Asphalt Shingles, and Warm Mix Asphalt Usage; 2009-2011, produced April 2013.

If you're replacing your roof, consider working with an Owens Corning™ Roofing Preferred Contractor who recycles. Take our **Shingle Recycling Pledge** to show your commitment to recycling old shingles.

Estimated roof surface temperature reduction based on 1998 NIST study, Analytical Study of Residential Buildings with Reflective Roofs. A temperature reduction is representative of a change from a typical roof to a Cool Roof (solar reflectance 10 to 25) in most climates.

* Homeowners can claim a credit of 10% up to \$500 of the purchase price of qualifying products. There is a \$500 lifetime limitation on this credit. All Owens Corning products listed on page 1 of the Manufacturer's Certification Statement qualify for up to \$500. Circumstances vary widely, so homeowners should consult with their tax adviser for further guidance. Visit www.energystar.gov and www.irs.gov for more information.

† Savings vary. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power.

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SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Owens Corning Sales, LLC

One Owens Corning Parkway, 2/B; Mail Drop 2-22, Toledo, OH, USA
Edmonton, AB, CA; Toronto, ON, CA

For the following product(s):

EcoTouch™ QuietZone® PINK® FIBERGLAS™ Insulation, EcoTouch™ PINK® FIBERGLAS™ Insulation with PureFiber® Technology, PROPINK® FIBERGLAS® Blown-in Insulation, and AttiCat® Expanding Blown-in Insulation (made in Canada)

This product meets all of the necessary qualifications to be certified for the following claim:

Minimum 73% Recycled Glass Content, with at least 64% Post-consumer Recycled and the balance (9%) Pre-consumer Recycled Glass Content (Canadian plant-wide weighted average).

Conforms to the SCS Recycled Content Standard V6-0.

Registration # SCS-MC-02496

Valid from: October 1, 2013 to September 30, 2014



MINIMUM 73%
RECYCLED CONTENT
64% POST-CONSUMER
9% PRE-CONSUMER



A handwritten signature in blue ink that reads "Robert J. Hrubes".

Robert J. Hrubes, Ph.D., Executive Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Owens Corning Sales, LLC

One Owens Corning Parkway, 2/B; Mail Drop 2-22, Toledo, OH, USA
Newark, OH, USA; Waxahachie, TX, USA; Mexico City, Mexico

For the following product(s):

Owens Corning High Density Fiberglass Products, including FIBERGLAS™ 700 Series Insulation, QuietR® & QuietZone® Air Handling Products and other Air Handling Products (SoftR® All-Service Duct Wrap and EcoTouch® Flexible Duct Media), Pipe Insulation Products, OEM Insulation Products, Acoustic Blankets and Boards, Shaftwall Insulation, Curtainwall Insulation, Fiberglas™ Products, and Owens Corning Mexico Fiberglass Products

This product meets all of the necessary qualifications to be certified for the following claim:
Minimum 57% Recycled Glass Content, with at least 5% Post-consumer Recycled and the balance (52%) Pre-consumer Recycled Glass Content (plant-wide weighted average)
Conforms to the SCS Recycled Content Standard V6-0

Registration # SCS-MC-02066

Valid from: October 1, 2013 to September 30, 2014



MINIMUM 57%
RECYCLED CONTENT
5% POST-CONSUMER
52% PRE-CONSUMER



A handwritten signature in blue ink that reads "Robert J. Hrubes".

Robert J. Hrubes, Ph.D., Executive Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Owens Corning Sales, LLC

One Owens Corning Parkway, 2/B; Mail Drop 2-22, Toledo, OH, USA

Newark, OH, USA; Mt. Vernon, OH, USA; Kansas City, KS, USA; Santa Clara, CA, USA; Waxahachie, TX, USA; Fairburn, GA, USA; Delmar, NY, USA; Edmonton, AB, CAN; Toronto, ONT, CAN; Nephi, UT, USA; Lakeland, FL, USA

For the following product(s):

Owens Corning Light Density Fiberglass Products, including EcoTouch[®] Unfaced Batts and Rolls, Bonded Loosefill Insulation and EcoTouch[®] Metal Building Insulation Products

This product meets all of the necessary qualifications to be certified for the following claim:

Minimum 65% Recycled Glass Content, with at least 41% Post-consumer Recycled and the balance (24%) Pre-consumer Recycled Glass Content (plant-wide weighted average)

Conforms to the SCS Recycled Content Standard V6 -0

Registration # SCS-MC-01025

Valid from: October 1, 2013 to September 30, 2014



MINIMUM 65%
RECYCLED CONTENT
41% POST-CONSUMER
24% PRE-CONSUMER



A handwritten signature in blue ink that reads "Robert J. Hrubes".

Robert J. Hrubes, Ph.D., Executive Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Owens Corning Sales, LLC

One Owens Corning Parkway, 2/B; Mail Drop 2-22, Toledo, OH, USA
Delmar, NY, USA; Fairburn, GA, USA; Kansas City, KS, USA; Santa Clara, CA, USA; Waxahachie, TX, USA

For the following product(s):

Owens Corning Light Density Fiberglass Products, including EcoTouch[®] Faced Batts & Rolls (Kraft, Foil, and other materials) and Unbonded Loosefill Products, including PROPINK[®] L77 unbonded loosefill insulation and AttiCat[®] unbonded loosefill insulation.

This product meets all of the necessary qualifications to be certified for the following claim:

Minimum 58% Recycled Content, with at least 36% Post-consumer Recycled Glass and 22% Pre-consumer Recycled Glass Content and at least 1% Recycled Paper Fiber Content (plant-wide weighted average).

Conforms to the SCS Recycled Content Standard V6-0.

Note: Only Kraft faced products contain recycled paper content

Registration # SCS-MC-02676

Valid from: October 1, 2013 to September 30, 2014



MINIMUM 58%
RECYCLED CONTENT
36% POST-CONSUMER
22% PRE-CONSUMER



A handwritten signature in blue ink that reads "Robert J. Hrubes".

Robert J. Hrubes, Ph.D., Executive Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Owens Corning Sales, LLC

Gresham, OR, USA; Tallmadge, OH, USA; Rockford, IL, USA; Valleyfield, QC, Canada

For the following product(s):

Rigid Polystyrene Insulation which includes Foamular brand, ASTM C578 Types IV, V, VI, VII, X; Canadian Foamular and CodeBord, CAN/ULC S701 Types 3 & 4

This product meets all of the necessary qualifications to be certified for the following claim:

Minimum 20% Pre-consumer Recycled Polystyrene Content (weighted, four-plant average)

Conforms to the SCS Recycled Content Standard V6 -0

Registration # SCS-MC-01132

Valid from: October 1, 2013 to September 30, 2014



A handwritten signature in blue ink that reads 'Robert J. Hrubes'.

Robert J. Hrubes, Ph.D., Executive Vice President

2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA



Owens Corning Supplier Code of Conduct

Purpose and Expectations

The Owens Corning Code of Business Conduct Policy reflects our core values in the form of our Ten Guiding Principles – Principles designed to ensure that employees act with integrity and in an ethical manner, avoiding even the appearance of impropriety. These principles also address the principles found in the United Nations Global Compact for which Owens Corning is dedicated to incorporating as a signatory.

Owens Corning's Ten Guiding Principles are:

1. Value Human Health and our Environment
2. Act with Integrity
3. Treat Others Respectfully
4. Compete Vigorously but Lawfully
5. Honor Trade Restrictions
6. Create a No Conflicts Culture
7. Keep Accurate Records
8. Respect and Preserve Confidential Information
9. Ensure that Commitments are Properly Made
10. Properly Use Company Electronic Systems

This Supplier Code of Conduct (“Code”) has been developed to incorporate these Ten Guiding Principles as well as international norms on human rights, the protection of the environment, and the prevention of corruption into our sourcing activities. The Code outlines the expectations that we have regarding the operations of our Suppliers.

Owens Corning defines “Suppliers” as any organization or entity that directly provides goods and/or services to Owens Corning. The Code is meant to act as a reference during our selection and retention of all Suppliers that provide goods or services supporting our operations worldwide. While Owens Corning understands and respects that there are different legal and cultural environments in which our Suppliers conduct their operations, this Code will provide our Sourcing Organization with a foundation to assist in contracting decisions and Supplier selection, and a framework by which to hold our Suppliers accountable to the Guiding Principles and international norms. In an effort to create a responsible and effective supply chain, Owens Corning will seek business partners who share the same commitment to human rights and our Guiding Principles.

Owens Corning is dedicated to the continuous improvement of this Code. The Code will be modified and/or updated accordingly following any significant change in law or regulation impacting our operations in any country around the world, or in such cases where Owens Corning believes it is necessary.

Legal Compliance

Suppliers are expected to comply with all applicable legislation, including laws, regulations and legal requirements on human rights, labor, the environment, anti-corruption, and trade and customs. The Code also references international norms, such as International Labour Organization (ILO) Conventions. Owens Corning expects the Supplier to comply with country-specific or local legislation, the international norms explicitly referenced in the Code, or Owens Corning's-specific standards, whichever standard is higher. Should conflicts arise between local legislation and international norms or Owens Corning-specific standards, the Supplier is expected to notify Owens Corning.

Environmental, Health, Safety & Product Stewardship

The operations of our Suppliers must comply with all applicable environmental, health and safety laws, regulations and legal requirements in the countries in which they operate.

Suppliers are expected to provide:

- Their employees with a safe, clean, and healthy work environment and living environment, if Suppliers provide employees with accommodation
- Their employees with adequate training related to health, safety, product stewardship and the environment
- Adequate management systems for environmental, health and safety, and product stewardship programs
- Products that are safe and environmentally sound to use and dispose of
- Products that perform as claimed
- Useful information on the performance and safe use of their products and
- Programs to reduce the environmental impact of their products such as:
 - Optimization of energy consumption with a view to reducing greenhouse gas emissions
 - Optimization of consumption of natural resources
 - Reduction of quantities of waste released and development of reclamation and recycling solutions, and
 - Reduction of discharges into natural surroundings and other sources of pollution.

Suppliers are expected to establish goals and monitor the reduction of their environmental footprint.

In procuring raw materials, suppliers are expected to verify that all materials used in the manufacture of Owens Corning products or sale of products to Owens Corning were sourced in compliance with all applicable environmental laws, regulations and legal requirements.

To ensure safe handling, movement, storage, recycling, reuse, and disposal, Suppliers are expected to identify and manage substances that pose a hazard if released to the environment and comply with applicable labeling laws and regulations for recycling and disposal.



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Raw Materials Procurement – Conflict Minerals

Owens Corning does not tolerate the use of raw materials that directly or indirectly contribute to armed conflict or human rights abuses in any of its products.

At a minimum, the supplier is expected to:

- Have a policy that addresses the responsible procurement of conflict minerals (currently defined in section 1502(e)(4) of the Dodd Frank Wall Street Reform Act)
- Train appropriate personnel on this policy
- Implement a risk assessment (supply chain mapping) of all conflict minerals sources and
- Develop an appropriate risk mitigation strategy for those suppliers identified as “high-risk” in the supply chain mapping exercise.

Owens Corning encourages the supplier to verify the supply chain due diligence practices of their suppliers in regards to conflict minerals and to join or build partnerships with industry organizations implementing due diligence in the mineral supply chain.

Employment Standards

Suppliers are expected to hire, compensate, provide benefits and access to training, promote, terminate and/or retire employees without regard to race, color, religion, national origin, political affiliation, union membership, marital status, pregnancy, age, disability, gender, gender identity, sexual orientation, or any other characteristic unrelated to the ability to do a job.

Suppliers are expected to provide their employees with compensation benefits and working hour schedules in compliance with all applicable laws and collective agreements.

Suppliers are expected not to employ child labor. Owens Corning will not knowingly engage a Supplier that directly or indirectly through a third party employs child labor on the Supplier’s premises. We define “child labor” as work or service extracted from anyone under the age of sixteen (16), the minimum age for employment in that country, or the age for completing compulsory education in that country, whichever is higher. Owens Corning supports the participation in legitimate workplace apprenticeship programs, as long as they comply with all applicable laws and are consistent with Articles 6 and 7 of the ILO Minimum Age Convention No. 138 on vocational or technical education and light work. If children below the legal working age are found in the workplace, suppliers are expected to take measures to remove them from work and to help seek viable alternatives and access to adequate services and education for the children and their families.

Suppliers are expected to comply with all legal requirements for the work of authorized young workers (workers under the age of eighteen (18)), particularly work that is likely to jeopardize the health or safety of those young workers. It is expected that specific attention will be paid to requirements pertaining to hours of work, wages, working conditions, and the handling of certain materials.

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Suppliers are expected not to employ forced, slave, convict or bonded labor. Owens Corning will not knowingly engage a Supplier that directly or indirectly through a third party employs forced, slave, convict or bonded labor on the Supplier's premises. In accordance with Article 2 of the ILO Forced Labour Convention No. 29, Owens Corning defines "forced labor" as any work or service not voluntarily performed and extracted from an individual under the menace of penalty and/or subject to unduly burdensome conditions such as, but not limited to, the surrender of government-issued identification, passports, or work permits, or any other limitations inhibiting the employees free will with respect to work. Owens Corning defines "convict" labor as any labor performed by a legally convicted person on or outside of prison grounds. The definitions of slave and bonded labor as defined by Owens Corning are reflected in the Supplementary Convention on the Abolition of Slavery, the Slave Trade, and Institutions and Practices Similar to Slavery under Articles 1 and 7.

Suppliers are expected to not employ persons who were trafficked into employment on the Supplier's premises or engage in human trafficking, as defined in Article 3 of the Protocol to Prevent, Suppress and Punish Trafficking in Persons Especially Women and Children, supplementing the United Nations Convention against Transnational Organized Crime.

While Suppliers may favor or encourage a self-represented work force, Suppliers are expected to:

- Allow employees the freedom to join labor organizations or to not join such organizations, and the freedom to bargain collectively as determined by the employees themselves without coercion, interference, retaliation or harassment, in compliance with all applicable laws, and
- Allow alternative means of worker representation, organization, ability to address grievances and resolve disputes, if freedom of association and collective bargaining is lawfully restricted.

Employees of Suppliers are expected to work in an environment free from harassment and abuse, including, but not limited to, sexual and physical harassment and psychological, verbal and physical abuse.

If disciplinary procedures are practiced by Suppliers, the procedures are expected to be

- In compliance with all applicable legislation
- Applied in a standardized fashion and
- Documented in a policy on which all members of management are trained and of which all employees are informed upon hire.

Grievance Mechanisms

Suppliers are expected to introduce an adequate system to address employee grievances and resolve disputes that:

- Protects the employee's privacy and allows for anonymous reporting of grievances
- Protects the employee against retaliation
- All members of management are trained on and
- Is communicated to all employees.

Owens Corning Supplier Code of Conduct

Conflicts of Interest, Gifts and Entertainment

Owens Corning is committed to ethical business practices. Conflicts of interest - in practice or in appearance - run counter to fair treatment and good procurement policies. Our Suppliers are expected to know that Owens Corning employees are directed to avoid any relationship, influence, or activity that might impair, or appear to impair, Owens Corning's ability to make objective business decisions. Owens Corning employees must identify situations that could bias, or appear to bias, buying decisions. Owens Corning employees who buy goods or services directly, or are otherwise involved in the procurement process, shall refrain from the following:

- The solicitation of any gift, excessive entertainment, or favor of any significant value.
 - Excessive entertainment to include that which: requires travel; has cash value greater than \$500; occurs frequently; is provided for the exclusive benefit of the employee without Supplier participation; is provided where no business is conducted; includes family members or guests of the employee (outside of spouse or significant other) at the expense of the Supplier.
- The receipt of a product or service constituting more than a modest social amenity or normal supplier sales promotion which may appear to be capable of influencing the employee's decision.

Owens Corning employees may accept unsolicited meals, refreshments, or entertainment of reasonable value on an infrequent basis in connection with normal business discussions.

Suppliers are expected to respect the limitations placed on Owens Corning employees, as stated above, and refrain from putting them in an uncomfortable situation by offering them gifts or other favors that they may not accept.

Foreign Corrupt Practices

Suppliers to Owens Corning are expected to fully comply with the United States Foreign Corrupt Practices Act of 1977 ("FCPA"), the OECD Convention on Combating Bribery of Foreign Officials in International Business Transactions, the UK Bribery Act and such other comparable laws in each country in which they operate.

Antitrust & Competition Laws

Suppliers are expected to be in compliance with both the letter and the spirit of all antitrust/competition and trade practice laws. These laws include federal and state antitrust and trade practice laws in the United States as well as the legal provisions applicable to competition and trade practices in each of the other countries where the Supplier operates.



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Trade Restrictions

Suppliers are expected to comply fully with all applicable United States trade laws and customs regulations as well as those laws applicable in the countries where they do business. Applicable United States trade laws and customs regulations include such matters as: country of origin labelling, U.S. embargoes, sanctions, export controls, and restrictions on doing business with “specially designated nationals” and “blocked persons”. The U.S. government maintains and updates almost daily lists of such “specially designated nationals” and “blocked persons” with whom business dealings may be prohibited or severely restricted under U.S. law. A copy of this list is available at <http://www.treas.gov/offices/enforcement/ofac/sdn/>.

Suppliers taking part in any international transactions are also expected to become C-TPAT certified, maintain an equivalent supply chain certification through their government or local customs authorities, or verify they meet the minimum security standards which can be found at www.cbp.gov.

Subcontracting

Suppliers are expected to hold their subcontractors and suppliers accountable to principles in line with this Code.

Communication

Suppliers are expected to adequately communicate the elements of this Code or a comparable Business Conduct Policy to its leadership, its employees and its subcontractors and suppliers.

Monitoring and Compliance

Owens Corning maintains the right to take actions, including inspections of the Supplier’s facilities and worker accommodations and review of any applicable documentation to ensure our Code has been implemented and is being followed by our Suppliers. Suppliers are expected to keep accurate records to prove compliance with the Code. It is the expectation of Owens Corning that our Suppliers will take corrective actions within a time frame jointly agreed upon by the Supplier and Owens Corning to remedy any identified noncompliance.

An independent line of communication is provided for Suppliers to address infractions or the inability to adhere with this Code of Conduct due to the actions of an Owens Corning employee through the independent Business Conduct Help Line at +1-800-241-5689 or collect to +1-770-263-4741.

Contact Information

1.800.GET.PINK, discuss with your Owens Corning account representative or write to this email address: sustainability@owenscorning.com

Document History

Version 1.0: Released June, 2010

Version 2.0: Released June 2012

References

- United Nations Global Compact
www.unglobalcompact.org
- Owens Corning Corporate Code of Business Conduct Policy
<http://www.owenscorning.com/acquainted/governance/ethics.asp>
- United Nations Environment Programme
<http://www.unep.org/>
- Universal Declaration of Human Rights (UDHR)
<http://www.un.org/en/documents/udhr/>
- International Labour Organization
<http://www.ilo.org/global/lang--en/index.htm>
- Supplementary Convention on the Abolition of Slavery, the Slave Trade, and Institutions and Practices Similar to Slavery
<http://www2.ohchr.org/english/law/slavetrade.htm>
- Protocol to Prevent, Suppress and Punish Trafficking in Persons Especially Women and Children, supplementing the United Nations Convention against Transnational Organized Crime
<http://www2.ohchr.org/english/law/protocoltraffic.htm>
- OECD Due Diligence Guidance for Supply Chains of Minerals from Conflict-Affected and High-Risk Areas and its supplements
<http://www.oecd.org/dataoecd/62/30/46740847.pdf>
- United States Department of Justice – Foreign Corrupt Practices Act
<http://www.justice.gov/criminal/fraud/fcpa/>
- The UK Bribery Act Overview
<http://www.fco.gov.uk/en/global-issues/conflict-minerals/legally-binding-process/uk-bribery-act>
- OECD Convention on Combating Bribery of Foreign Officials in International Business Transactions
http://www.oecd.org/document/20/0,3343,en_2649_34859_2017813_1_1_1_1,00.html
- U.S. government lists of such “specially designated nationals” and “blocked persons”
<http://www.treas.gov/offices/enforcement/ofac/sdn/>
- C-TPAT and US Customs and Border Protection security standards
www.cbp.gov.