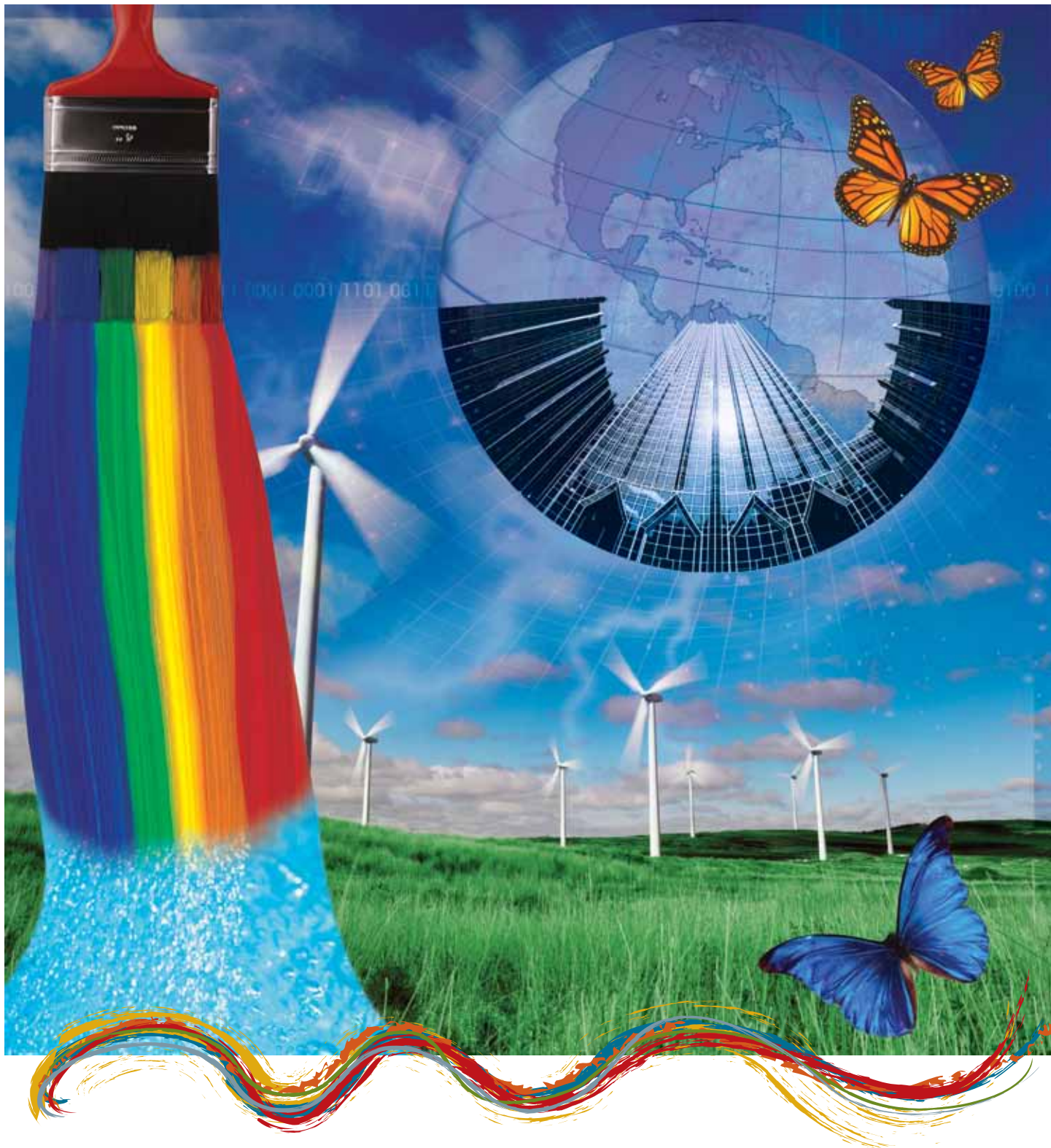


PPG Corporate Sustainability Report

2010



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A Message From the Chairman

When I think about sustainability at PPG, two thoughts come to mind. First, in many ways what PPG is doing in terms of sustainability is new. We are taking advantage of new technologies and new capabilities, and we are bringing a new emphasis and management structure to bear on achieving our goals. On the other hand, sustainability is business as usual at PPG. An underlying principle for the company since its founding in 1883, a commitment to sustainability has been crucial to our long-term success, and we have grown and thrived by making sound business decisions with profit, people and the planet in mind.

More recently, despite the difficult economic conditions of the past two years, we have kept our promise to drive sustainability through everything we do at PPG. We have remained steadfast in our focus on being a sustainable business, resulting in improved performance across key economic, environmental and social metrics.

As we move forward, there are clearly several opportunities and risks that will present themselves in the coming years.

As the global economic recovery strengthens and broadens, the transformation that PPG has made in its portfolio will help us sustain our positive financial performance. In addition, our cash position presents PPG with a variety of options to continue to drive earnings growth.

Our newly formed Sustainability Committee poses opportunities for PPG to significantly build on its legacy of achievement in this area. The team has developed a framework from which our businesses can drive improvement.

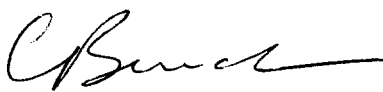
PPG's commitment to innovation will further drive the development of 'green' products. We are seeing increased demand for our leading technologies that feature environmental benefits. We believe we are well-positioned to give our customers those solutions to help them meet their environmental sustainability goals.

Raw material costs will likely continue to be a significant challenge for our coatings businesses in 2011. We experienced inflation in these costs in 2010, particularly in the second half of the year. As a result, we raised our selling prices over the course of 2010 in all of our businesses, and we are in the process of implementing further pricing initiatives to offset this persistent inflation. If necessary, we will take further actions to offset the increases in 2011.

It is my belief that, over the next several years, we will be able to leverage these opportunities and overcome this obstacle.

When PPG published its first sustainability report in 2008, we stated our intent to issue a full report every two years and updates in intervening years. Now, in this second full report, you will not only read the facts and figures that represent the measurement of our efforts over the past two years, but you'll also see specific examples of how we have elevated our approach and challenged ourselves to grow in a sustainable way. In addition, we have enhanced our monitoring and tracking for a range of measures for economic, environmental and social factors, which in turn has enabled us to expand our reporting and to communicate even more transparently about our progress.

It is my hope that through this report, we at PPG not only educate our key audiences – both our own people and outside stakeholders – but continue to encourage a more productive dialogue on how well we are doing when it comes to sustainability and performance.



Charles E. Bunch
Chairman and Chief Executive Officer



Company Profile

PPG Industries, Inc., headquartered in Pittsburgh, Pa., USA, is a global supplier of paints, coatings, optical products, specialty materials, chemicals, glass and fiber glass. The company is a leader in each of its markets, and it has earned a strong reputation for streamlined, efficient manufacturing and leading-edge technology and product solutions.



PPG's global sales in 2010 were \$13.4 billion. The company has 140 manufacturing facilities and equity affiliates and operates in more than 60 countries around the globe. As of the end of 2010, PPG employed more than 38,000 people across the world. PPG employees and retirees own about 6 percent of the firm's outstanding stock. As owner-operators, PPG's people share a deep sense of pride and a strong commitment to their company. PPG is a publicly-owned company, with shares traded on the New York Stock Exchange (symbol: PPG).

PERFORMANCE COATINGS

- **AEROSPACE.** Leading supplier of transparencies, sealants, coatings and surface solutions, packaging and chemical management services, serving original equipment manufacturers and maintenance providers for the commercial, military, regional jet and general aviation industries. Also supplies transparent armor for military markets.
- **ARCHITECTURAL COATINGS — AMERICAS AND ASIA/PACIFIC.** Produces paints, stains and specialty coatings for the commercial, maintenance and residential markets under brands such as PPG Pittsburgh Paints™, PPG Porter Paints™, PPG, Master's Mark®, Renner®, Lucite®, Olympic®, Taubmans® and Ivy®.
- **AUTOMOTIVE REFINISH.** Produces and markets a full line of coatings products and related services for automotive and commercial transport/fleet repair and refurbishing, light industrial coatings and specialty coatings for signs.
- **PROTECTIVE AND MARINE COATINGS.** Leading supplier of corrosion-resistant, appearance-enhancing coatings for the marine, infrastructure, petrochemical, offshore and power industries. Produces the Amercoat®, Freitag®, PPG High Performance Coatings and Sigma Coatings® brands.

INDUSTRIAL COATINGS

- **AUTOMOTIVE OEM COATINGS.** Leading supplier of coatings, specialty products and services to automotive, commercial vehicle, fascia and trim manufacturers. Products include electrocoats, primer surfacers, basecoats, clearcoats, liquid applied sound dampeners, bedliner, pretreatment chemicals, adhesives and sealants.
- **INDUSTRIAL COATINGS.** Produces coatings for appliances, agricultural and construction equipment, consumer products, electronics, automotive parts, residential and commercial construction, wood flooring, joinery (windows and doors) and other finished products.
- **PACKAGING COATINGS.** Global supplier of coatings, inks, compounds, pretreatment chemicals and lubricants for metal and plastic containers for the beverage, food, general line and specialty packaging industries.

ARCHITECTURAL COATINGS – EMEA

- **ARCHITECTURAL COATINGS — EMEA (Europe, Middle East and Africa).** Supplier of market-leading paint brands for the trade and retail markets such as Sigma Coatings®, Histor®, Brander®, Boonstoppe®, Rambo®, Seigneurie®, Gauthier®, Guittet®, Ripolin®, Johnstone's®, Leyland®, Dekoral®, Trinat®, Hera®, Primalex®, Prominent Paints® and Freitag®.

OPTICAL AND SPECIALTY MATERIALS

- **OPTICAL PRODUCTS.** Produces optical monomers and coatings, including CR-39® and Trivex® lens materials, high performance sunlenses, cast sheet transparencies, photochromic dyes and Transitions® photochromic ophthalmic plastic lenses.
- **SILICAS.** Produces amorphous precipitated silicas for tire, battery separator and other end-use applications and Teslin® substrate used in applications such as radio frequency identification (RFID) tags and labels, e-passports, driver's licenses and identification cards.

COMMODITY CHEMICALS

- **CHLOR-ALKALI AND DERIVATIVES.** Produces chlorine, caustic soda and related chemicals for use in chemical manufacturing, pulp and paper production, water treatment, plastics production, agricultural products, pharmaceuticals and many other applications.

GLASS

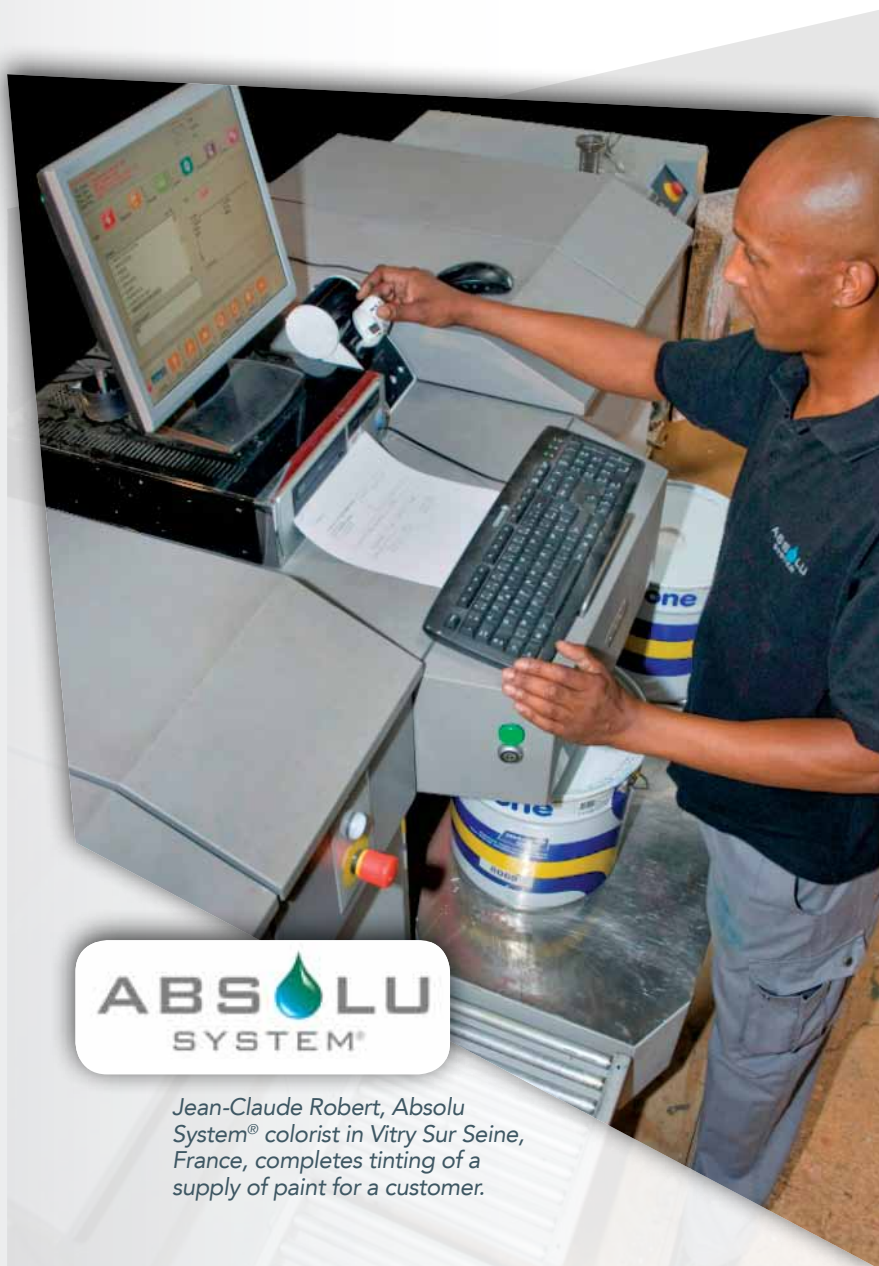
- **FIBER GLASS.** Manufactures fiber glass reinforcement materials for thermoset and thermoplastic composite applications, serving the transportation, energy, infrastructure and consumer markets. Produces fiber glass yarns for electronic printed circuit boards and specialty applications.
- **FLAT GLASS.** Produces flat glass that is fabricated into products primarily for commercial construction and residential markets, as well as the solar energy, appliance, mirror and transportation industries.

Details about PPG's operational structure, including subsidiaries and joint ventures, are available at www.ppg.com.

PPG Industries Blueprint

OUR VISION

- To continue to be the leading coatings and specialty products company
- To be true to our values and ethics
- To grow by being an integrated, market-oriented enterprise
- To achieve consistent sales and earnings growth
- To provide superior shareholder returns



ABSOLU
SYSTEM®

Jean-Claude Robert, Absolu System® colorist in Vitry Sur Seine, France, completes tinting of a supply of paint for a customer.

OUR VALUES

Fundamental to who we are is an unwavering commitment to high ethical standards and integrity. We implement our strategies across all levels of the organization in an uncompromising, ethical manner.

- **Dedication to the customer** – We are in business to serve customers. We focus on our markets and dedicate ourselves to meeting the products and services needs of our customers.
- **Respect for the dignity, rights and contributions of employees** – We operate safe, healthful and harassment-free workplaces that value diversity, promote teamwork and reward performance. We develop our people through continuous learning, creating an environment where opinions are expressed and respected.
- **Recognition of the concerns and needs of society** – PPG recognizes its responsibility to preserve and protect the global environment in which the company operates. To this end, we run our businesses using sound environment, health, safety and product stewardship practices, while providing product solutions that reduce energy consumption and minimize environmental impact. We communicate with the public, participate in governmental processes, and support local communities.
- **Value of supply chain relationships** – We leverage supplier competencies and develop relationships that focus on mutual, continuous improvement and a shared responsibility to meet our customer requirements.
- **Responsibility to shareholders** – We are a performance-focused company committed to the stewardship of the corporation and to delivering returns to PPG's owners.

OUR OBJECTIVES

Fundamental to our success is our ability to implement breakthrough initiatives to solve problems, achieve operational excellence and maintain the lowest cost position in the supply chain.

- Be the top-ranked supplier to our customers.
- Grow our earnings per share by 10 percent per year.
- Achieve an average return on capital (ROC) of 15 percent.
- Attain 30 percent of sales from products that are 4 years old or less.
- Increase output per employee by at least 5 percent per year.

Stakeholder Engagement

As PPG strives to continually improve its sustainable business practices, engaging in open communication and cooperation with its stakeholders is critical at all levels. PPG seeks to establish and maintain productive relationships with all of its key stakeholders, among them employees, customers, suppliers, government officials, investors and residents of communities in which PPG operates.

In preparing this report, PPG undertook a project to define its key stakeholders and learn more about how functions and businesses prioritize and respond to stakeholder concerns. Due to the size and scope of operations, each PPG business and function has the responsibility to effectively engage the company's stakeholders and use various tools to identify their perspectives on business activities. Specific feedback from internal sources was used to better understand four key areas: how PPG today interacts with key stakeholders; what their concerns are; how PPG has addressed those concerns; and the strategic benefits of doing so. Input came from departments such as sales and marketing within each business, as well as plant managers and corporate functions for purchasing and distribution, investor relations, government affairs and corporate communications.

While this analysis is conducted on an ongoing basis throughout the company, the matrix presented here provides a snapshot of our stakeholder engagement practices. While it is not inclusive of all stakeholder engagement activities, it captures the core elements of how PPG engages stakeholder groups on topics of interest and the value each group's input provides to PPG's business practices.

How PPG engages

Employees	<ul style="list-style-type: none"> Companywide CEO-led webcast presentations and Q&A Daily intranet articles and quarterly global employee magazine Regular employee communications from executives, business leaders and locations Global employee communications survey Training programs HR Service Center Family-inclusive activities, such as open houses Diversity councils Wellness programs Dispute resolution Open-door programs Collective bargaining Ethics hotline Quality programs Recognition events
Customers	<ul style="list-style-type: none"> Sales calls Account management interaction Trade shows Industry gatherings Technical and application support Training sessions or workshops Company-owned stores Distribution channels Customer service call centers Advertising and marketing communications
Suppliers	<ul style="list-style-type: none"> One-on-one meetings Industry/trade groups Online supplier portal on www.ppg.com PPG Purchasing & Distribution website and intranet Supplier Added Value Effort (SAVE) online program Corrective Action Incident Reporting (CAIR) quality communication
Investors/analysts	<ul style="list-style-type: none"> One-on-one meetings Quarterly earnings announcements, conference calls and presentation materials News releases and SEC filings Annual Report and overview presentations Annual Meeting of Shareholders Annual Capital Markets Day Presentations by PPG executives at financial/industry conferences Investor Center on www.ppg.com
Government	<ul style="list-style-type: none"> Visits to elected officials and agencies PPG employee political action committee Government Affairs website Industry and trade associations Plant tours, site visits for government officials Grassroots advocacy
Philanthropies and nonprofits	<ul style="list-style-type: none"> PPG Industries Foundation Corporate charitable contributions, including dinners and events Employee giving programs Corporate global charitable contributions program (Asia/Pacific and EMEA) China corporate social responsibility (CSR) committee and program Canadian charitable contributions and employee programs Disaster response One-on-one meetings and site visits Sponsorships News releases and publicity Family programs
Residents of communities where PPG operates	<ul style="list-style-type: none"> Charitable giving programs Visits by community emergency services Local sponsorships Public education support and interaction Community boards Open houses/days Community meetings and events Community volunteerism Community steering committees Local media relations Industrial park membership Community Advisory Panel (CAP) Hazardous waste collection Chamber of commerce membership State or city industrial association membership Permit hearings

Key areas of interest	How PPG has responded	Strategic benefits
<ul style="list-style-type: none"> ■ Company strategy and performance ■ Business conditions ■ Opinions of executives ■ Compensation ■ Benefits programs ■ Legal issues ■ Community outreach ■ Language skills 	<ul style="list-style-type: none"> ■ Translating internal communications for global audiences ■ Instituting more regional news coverage outside of the United States and more business-specific coverage ■ Increasing CEO and key executives' visibility to employees ■ Adding diversity councils, such as Lesbian, Gay, Bisexual and Transgender (LGBT) 	<ul style="list-style-type: none"> ■ Increased employee engagement, retention ■ Expanded employee knowledge and performance capability ■ Compliance with regulations and laws ■ Customer satisfaction ■ Quality control ■ Employee health and wellness
<ul style="list-style-type: none"> ■ Product performance ■ New products and technologies ■ Costs ■ Sustainability and regulatory impact (VOCs, REACH, etc.) ■ Raw material trends ■ Product life cycle analysis ■ Business process improvement ■ Downstream marketing support ■ Global presence 	<ul style="list-style-type: none"> ■ Integrating customer feedback into product development and quality processes ■ Providing internal experts to answer questions or concerns ■ Making MSDS and product stewardship information available ■ Supporting products with materials such as FAQs ■ Conducting customer surveys 	<ul style="list-style-type: none"> ■ Products that meet or exceed customer requirements ■ Reduced environmental impact ■ Teslin® Biodegradable substrate ■ Low-emissivity glass products ■ Zero-VOC paints ■ Natural ingredient formulations ■ Waste collection services
<ul style="list-style-type: none"> ■ Growth opportunities ■ Increased market share with PPG ■ Value creation through entire product chain ■ Sustainability of business relationship ■ "Green" products ■ Quality ■ Cost ■ Innovation 	<ul style="list-style-type: none"> ■ Publicly recognizing excellent suppliers annually ■ Developing "partnership" philosophy ■ Enhancing online programs and speed of responsiveness ■ Exploring and communicating sustainability of PPG products and processes 	<ul style="list-style-type: none"> ■ PPG viewed as industry leader ■ Can identify and retain top suppliers ■ Working capital improvements ■ Increased inventory turns and reduced maintenance, repair and operations (MRO) ■ PPG is better supplier to customers and end-users ■ Increased sustainable performance
<ul style="list-style-type: none"> ■ Financial performance and outlook ■ Plans for use of cash ■ Dividend commitment ■ M&A strategy ■ Transparency ■ Access to executives ■ Organic growth prospects ■ Global expansion ■ Timely communication – responsiveness of IR staff 	<ul style="list-style-type: none"> ■ Increasing communication and visits with investors/analysts in Europe and Asia/Pacific ■ Initiating live quarterly Q&A with executives ■ Broadening executive participation to include CFO and business heads as well as CEO ■ Redesigning of Investor Center on PPG.com 	<ul style="list-style-type: none"> ■ Greater understanding of financial community's interests/concerns about PPG ■ Investor confidence ■ Enhanced corporate reputation ■ Favorable ratings ■ Relationships with key global analysts ■ Stock performance
<ul style="list-style-type: none"> ■ How policies affect PPG facilities, operations and employees ■ Job preservation and creation ■ Business and political priorities ■ Global competitiveness 	<ul style="list-style-type: none"> ■ Updating managers and employees on key issues and their impact on PPG's businesses ■ Customized advocacy to specific employee groups ■ Targeted communications 	<ul style="list-style-type: none"> ■ Positive, pro-business policy and legislation ■ Government officials hearing from PPG employees ■ Employee engagement ■ Legislators who understand and act
<ul style="list-style-type: none"> ■ Global giving programs ■ Benchmarking versus peers ■ Ease of donation process for employees and retirees ■ Employee engagement and community involvement 	<ul style="list-style-type: none"> ■ Developing global giving approach, including structure in Asia/Pacific and EMEA programs ■ Upgrading Internet presence and online process for giving ■ Evaluating and prioritizing areas for giving ■ Reporting giving statistics ■ Updating communications strategy, including social media ■ Emphasizing math and science education 	<ul style="list-style-type: none"> ■ Structured global charitable giving ■ Employee recognition and engagement ■ Positive corporate reputation, especially with young professional employees and prospects ■ Improved governance, rigor and processes ■ Goodwill in communities where PPG operates
<ul style="list-style-type: none"> ■ Jobs/employment ■ Environmental protection ■ Charitable giving ■ PPG products ■ Safety ■ Noise ■ Vehicular traffic 	<ul style="list-style-type: none"> ■ Issuing community reports detailing business, philanthropic and EHS performance ■ Talking directly with community members ■ Escalating issues to higher management levels for awareness and action ■ Meetings with local communities to discuss concerns ■ Modifying processes to reduce noise levels or implementing noise abatements ■ Reducing emissions levels and installing emissions control technologies ■ Sharing plant resources with industrial and local neighbors ■ Surveying local residents before making physical changes ■ Rescheduling plant production shifts 	<ul style="list-style-type: none"> ■ Increased two-way communication with local communities ■ Goodwill and positive corporate reputation ■ Larger, more talented recruitment pool ■ Increased collaboration with community groups ■ Improved processes and reduced costs ■ More positive business environment ■ Employee pride and engagement

Leadership, Innovation and Sustainability

PPG maintains a long-standing tradition of developing leading-edge technologies, achieving the highest quality standards and meeting customers' requirements.

In response to the burgeoning demand for products with energy or environmental attributes, PPG has developed a number of innovative sustainable solutions. Here are some recent examples of PPG's sustainable innovation in action:

NEXT-GENERATION WATERBORNE PAINT TECHNOLOGY AT BMW

In June 2010, PPG launched the first use of waterborne compact paint technology in a U.S. automotive manufacturing plant at the BMW assembly plant in Spartanburg, S.C., USA. The process, known as B1:B2 (basecoat one, basecoat two, applied wet-on-wet) technology, saves time, cost and emissions. It enables automakers to eliminate a step in the coating process as well as the need for separate paint booths and oven dryers. The process saves on capital and operating costs by reducing the manufacturing footprint of a paint shop, reducing energy consumption and increasing overall process efficiency – while achieving superior appearance and color flexibility.

THIRD-GENERATION ADVANCEMENT OF WATERBORNE COATINGS SYSTEM FOR AUTOMOTIVE REFINISHERS

First introduced by PPG in 1999, Envirobase® High Performance waterborne coatings help improve air quality by reducing the amount of volatile organic compounds (VOCs) released into the atmosphere. The *Envirobase* High Performance system is currently used in the U.S. state of California, as well as in Europe and Canada, where air-quality regulations mandate lower VOCs in refinish basecoats. It is also used by ecologically conscious collision and automobile dealer centers throughout North America. New *Envirobase* High Performance basecoats offer a premium-quality solution for collision centers that can benefit from an easy-to-use system. Their anti-settling properties eliminate the need for expensive stirring machines, and they provide an enhanced ability to match a vehicle's original finish.

NEW POUCH PACKAGING FOR COLORANTS

PPG's architectural coatings business in Europe has made great strides by introducing new pouch packaging for its colorants. The PPG Colorant pouch replaces metal cans for delivering colorants for tinting machines, bringing environmental benefits across the supply chain process. The use of the pouch significantly reduces the amount of packaging waste generated and the amount of colorant waste left in the container. It is more efficient in terms of labor and processing time. Shipping both ways is more efficient because of the benefits in packing full and empty containers together.

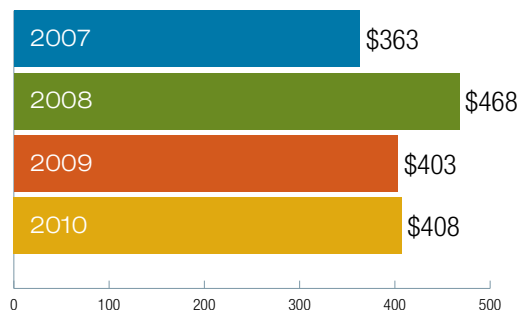


The pouch vs. the can:

- Easier opening
- Easier and better to empty
- Less spillage
- Easily closed, before and after being emptied
- Less packaging waste
- Almost 90 percent of users prefer pouch to can

Research & Development Expenditures

(millions of dollars)



ADDRESSING GROWING INTERNATIONAL DEMAND FOR ALTERNATIVE, RENEWABLE ENERGY

Understanding the process of harnessing and delivering wind energy, as well as the harsh conditions in which wind turbines must operate, enables PPG to provide coatings solutions for this rapidly growing industry. In early 2010, PPG launched a "thin-film" polyurethane primer and topcoat wind turbine blade coating system. The system uses a thinner build to reduce labor, material use and weight while providing high adhesion, erosion resistance, flexibility and protection.



Larry Mark Abernathy monitors *Teslin*® substrate production at PPG's Barberton, Ohio, USA, chemicals plant.



Bill Clark, light cell operator, adds a raw material to a disperser making *Duranar*® extrusion coatings at PPG's Springdale, Pa., USA, industrial coatings plant.

TESLIN® BIODEGRADABLE SUBSTRATE

In 2010, PPG introduced *Teslin* Biodegradable substrate, an environmentally-responsible material that provides an end-of-life solution while maintaining durability, printability and built-in security. In third-party laboratory testing, *Teslin* Biodegradable substrate broke down into components such as carbon dioxide and water when placed in an anaerobic (oxygen-free) environment containing microbes that "eat" polymers. One customer, a loyalty-card manufacturer, earned a 2010 Élan Award from the International Card Manufacturers Association for a facility access card produced using *Teslin* Biodegradable substrate.

LEADING TRANSMISSIVE GLASS PRODUCTS

In 2010, PPG introduced Solarphire® AR anti-reflective glass, a product engineered to maximize solar energy transmission to solar-collecting photovoltaic cells. *Solarphire* AR glass is formulated with a proprietary anti-reflective coating that facilitates the efficient conversion of solar light into energy. *Solarphire* AR glass continues PPG's history of innovation in the development of stacked, thin-film coatings for glass. In 1983, PPG commercialized the world's first temperable coated low-emissivity (low-e) glass. Over the past three decades, the company has continued to advance thin-film coating technology and is now directing it toward the production of solar energy.



GLOBAL COMMITMENT TO UV/EB COATINGS MARKET

PPG researchers are helping to facilitate the efficient use of energy by advancing ultraviolet (UV) and electron beam (EB) technologies used for curing today's high-performance polymer coatings. Both forms of energy interact directly with the components of the coating as a catalyst to form a polymer bond that offers high strength, low cost and environmental friendliness – extremely fast. PPG's UV/EB coatings meet regulatory guidelines for low VOC and hazardous air pollutant (HAP) content. PPG conducts UV/EB curing research and manufacturing at several facilities in the United States and France.

MEETING COOL ROOF REQUIREMENTS OF LEED®, ENERGY STAR®, TITLE 24 AND ASHRAE 90.1

Duranar® VARI-Cool® coatings reflect the sun's energy with pearlescent pigments that use ULTRA-Cool® infrared-reflective technology by PPG, and they change color according to viewing angle, offering designers a unique look while meeting the needs of builders. The fluoropolymer coatings provide excellent performance against weathering in all environments. By reflecting the sun's heat, the pigments keep people inside buildings cooler while reducing air conditioning costs.

Ethics and Compliance

Operating with integrity is at the core of PPG's mission and culture. The company's 128-year history of growth and success demonstrates the value of a reputation built by conducting business in an ethical and responsible manner and maintaining the trust of business partners, customers, investors and employees alike.

PPG'S GLOBAL CODE OF ETHICS

PPG's commitment to perform with integrity is instilled in every employee as an expectation of behavior guided by the PPG Global Code of Ethics, A Guide to Corporate Conduct. This code sets forth the principles that apply to PPG people everywhere and in every circumstance. It provides a clear, unwavering set of standards for business conduct, underpinned by the following specific commitments:

- To furnish goods and services that meet our customers' and society's needs
- To provide employees with a safe, healthy and fulfilling work environment
- To afford our shareholders a superior return on investment
- To contribute as a good corporate citizen to each nation and community in which we operate

The PPG Global Code of Ethics is issued by the company's Global Ethics and Compliance Committee. Headed by PPG's Chairman and CEO, the committee has been in existence since 1989. Its purpose is to set and review ethics-related policies and practices within PPG.

INTEGRATION AND ALIGNMENT

PPG expects its employees to comply with local laws while demonstrating the highest level of ethics at all times. From time to time, this has required the Global Ethics and Compliance Committee to revise the code in order to ensure that it is consistent with evolving global standards. To that end, the committee is currently revising the code to reflect new industry initiatives, government regulatory reforms, and societal concerns.

For example, in 2010, the Automotive Industry Action Group – a not-for-profit association of companies advancing issues in the automotive industry – asked its suppliers to align with its Global Working Conditions Guidance Statement, which requires responsible working conditions and the treatment of all individuals with dignity and respect throughout the supply base. PPG fully supports these standards and has updated the code to add specific language to that effect. Also, at the end of 2010, the committee initiated several other updates to the code. These are focused on (1) better integrating the code with the company's evolving sustainability blueprint, (2) strengthening anti-corruption and anti-bribery language pursuant to the U.S. Foreign Corrupt Practices Act (FCPA), and (3) explicitly prohibiting human rights violations such as forced labor.

In addition, specific to its U.S. operations, PPG recently issued a supplemental ethics policy that provides specific ethical guidance with respect to PPG's dealings with the U.S. government. As a federal contractor and subcontractor, PPG is subject to the ethics and compliance obligations that are contained in federal procurement regulations and contract clauses. This stand-alone policy addresses ethics issues specifically regarding the federal contract process and related reporting obligations, covering subjects such as kickbacks, gratuities, entertainment of public officials, contingent fee arrangements and the integrity of the procurement process. Nearly 400 PPG employees were asked to certify their understanding of and compliance with the obligations in this supplemental policy.

Finally, PPG is supplementing the code to reinforce its commitment to the highest standards of ethical conduct in public policy and the political process. This includes strict adherence to laws regarding financial campaign contributions, lobbying and political action committees (PACs), as well as the government contracts process.

CODE OF ETHICS FOR SENIOR FINANCIAL OFFICERS

PPG puts a special emphasis on promoting transparency in its reporting and ethical conduct in financial management. The company requires the principal executive officer, principal financial officer, principal accounting officer or controller, and any other officials performing similar functions in every location to adhere to an additional Code of Ethics for Senior Financial Officers. This code emphasizes compliance with regulations of the U.S. Securities and Exchange Commission as well as other applicable federal, state and local laws and regulations.



RESPECTING THE CODE

The PPG Global Code of Ethics is supported by an extensive system of policies and procedures, including training and communications programs. Each new PPG employee, no matter where in the world he or she works, is to receive a copy of the code within days of joining PPG. PPG publishes the code in 19 different languages, and offers it both in printed form and on the Web. PPG also invests considerable time and resources in managing a customized ethics training program. Every employee at the manager level or above is required to complete ethics and compliance training annually, as is every employee involved in purchasing, law or finance. Training for current and potential corporate leaders often includes practice scenarios for tackling key ethical dilemmas. Each year, an estimated 17,205 PPG employees from around the world participate in the company's ethics training program, accounting for approximately 8,500 hours of training. Hundreds more complete customized ethics and compliance training sessions. In 2010, PPG trained more than 3,700 employees in live sessions on ethics and compliance, accounting for nearly 2,800 hours of training. Between the two formats, nearly 55 percent of PPG employees completed training on ethics compliance. In 2010, approximately 20,000 employees also participated in training on export control. Other training topics have included anti-corruption,

harassment, contracts and competition rules. In 2010, 29 percent of PPG employees enrolled in the PPG Policies, Ethics and Legal Training course.

As PPG enters new markets, makes acquisitions and expands, the company is committed to reinforcing its standards of conduct and upholding respect for human dignity and rights, as expressed in the PPG Blueprint. With all of its acquisitions, PPG's due diligence process includes an evaluation of the company's ability to operate within the guidelines outlined in the PPG Global Code of Ethics, ensuring that the acquired company operates safe and healthful workplaces, and does so within the confines of local laws.

In addition, PPG encourages employees to ask legal or ethics-related questions through the "Ask the Experts" feature on the company's ethics intranet sites. PPG has committed to providing a response to these questions within two business days.



EXPORT CONTROL

PPG maintains a strong commitment to compliance, which is an important element of its emphasis on ethical business practices. PPG's philosophy is to first proactively educate its employees on a broad array of compliance issues in order to help its workforce avoid violations. However, when an incident of non-compliance does occur, PPG systems allow the issue to be reported and addressed as quickly as possible. For example, employees are encouraged to report any suspected violations of any U.S. export control laws or regulations; PPG's export compliance policies, controls or procedures; or PPG's Global Code of Ethics related to PPG's export compliance policies, controls or procedures by contacting the company's Chief Compliance Officer directly.

A recent export compliance issue demonstrated PPG's ongoing determination to squarely meet both its legal obligations and ethical commitments in this area. In December 2010, PPG and its wholly-owned subsidiary, PPG Paints Trading Shanghai (China) (SPT), reached a settlement with the U.S. Department of Justice (DOJ) and the U.S. Department of Commerce's Bureau of Industry and Security (BIS). The settlement resolved investigations by the DOJ and BIS of shipments by SPT of small quantities of protective coatings for potential use in Pakistan that were made without the required export license. PPG acted promptly once it learned of the wrongdoing. With the assistance of outside counsel, the company immediately began an internal investigation, quickly responded to administrative and federal grand jury subpoenas, and cooperated with the DOJ and BIS on their investigation. PPG's aggressive response on this matter, and its renewed commitment to an enhanced export compliance program that will further overall compliance with export control laws, reaffirm its commitment to maintaining a vigorous global ethics and compliance program.

COMPLIANCE

The PPG Ethics Hotline provides a completely anonymous way to report any concern about unethical, illegal or questionable business activity. The hotline is available to employees around the world in their own languages. It is also available to the company's suppliers and customers.

In 2010, PPG took steps to ensure that the hotline is administered consistently around the world and further enhanced it by adding an anonymous email capability. The hotline is now managed by one independent firm whose representatives are trained to investigate each call, maintain the caller's anonymity and bring each situation to an appropriate resolution.

In the 12 years since its institution, the PPG Ethics Hotline has received more than 1,460 calls from employees. While more than 80 percent of these calls are related to issues other than ethics, PPG management investigates and responds to every call.

Corporate Governance

BOARD OF DIRECTORS

PPG Industries is governed by an 11-member Board of Directors, 10 of whom are not employees of the company. Charles E. Bunch is both chairman of the board of directors and chief executive officer of PPG. The company's Corporate Governance Guidelines, which are published and available on www.ppg.com under "Our Company," outline the structure of governance at the company.

PPG's Board of Directors maintains four standing committees, each comprised of independent, non-employee members of the board:

- The **Audit Committee** ensures the integrity of the company's financial statements and compliance with legal and regulatory requirements, and it manages PPG's internal and external auditors.
- The **Nominating and Governance Committee** oversees the composition of PPG's Board of Directors by regularly reviewing membership and nominating prospective members.
- The **Officers-Directors Compensation Committee** oversees compensation for executive officers and directors, and sets objectives for incentive-based compensation for executive officers.
- The **Technology and Environment Committee** assesses the company's science and technology capabilities and reviews environmental, health, safety, product stewardship and other sustainability policies, programs and practices.

ROBERT MEHRABIAN

Chairman, President and CEO,
Teledyne Technologies Incorporated
*Officers-Directors Compensation Committee;
Technology and Environment Committee*

HUGH GRANT

Chairman, President and Chief Executive
Officer, Monsanto Company
*Nominating and Governance Committee;
Officers-Directors Compensation Committee*

MARTIN H. RICHENHAGEN

Chairman, President and Chief Executive
Officer, AGCO Corporation
*Audit Committee; Technology and
Environment Committee*

THOMAS J. USHER

Non-executive Chairman of the Board,
Marathon Oil Corporation
*Officers-Directors Compensation Committee;
Technology and Environment Committee*

MICHELE J. HOOPER

President and Chief Executive Officer,
The Directors' Council
*Audit Committee; Nominating
and Governance Committee*

ROBERT RIPP

Chairman, Lightpath Technologies, Inc., and
former Chairman and CEO, AMP Incorporated
*Audit Committee; Officers-Directors
Compensation Committee*



For more information on the criteria used to select PPG's Board of Directors and how the company ensures that conflicts of interest are avoided, please refer to the Nominating and Governance Committee Charter and Corporate Governance Guidelines, available on www.ppg.com. Compensation of the company's executives and senior managers is partially (30 percent) based on personal goals that tie to overall corporate business goals. PPG does not require that its executives have personal goals linked to social or environmental performance, although some executives – by virtue of their responsibilities – may have goals related to those issues. PPG's Board of Directors is compensated by retainers.

JAMES G. BERGES

Partner, Clayton, Dubilier & Rice, and retired President, Emerson Electric Company
Audit Committee; Nominating and Governance Committee

CHARLES E. BUNCH

Chairman and Chief Executive Officer, PPG Industries, Incorporated

VICTORIA F. HAYNES

President and Chief Executive Officer, RTI International
Audit Committee; Technology and Environment Committee

STEPHEN F. ANGEL

Chairman, President and Chief Executive Officer, Praxair, Incorporated
Nominating and Governance Committee; Technology and Environment Committee

DAVID R. WHITWAM

Retired Chairman and CEO, Whirlpool Corporation
Nominating and Governance Committee; Officers-Directors Compensation Committee



Corporate Governance ... continued

EXECUTIVE AND OPERATING COMMITTEES

PPG's senior management structure consists of two functional groups:

- PPG's **Executive Committee** is comprised of Charles E. Bunch, chairman of the board of directors and chief executive officer; J. Rich Alexander, executive vice president, Performance Coatings; Pierre-Marie De Leener, executive vice president, Architectural Coatings – EMEA, and president, PPG Europe; Glenn E. Bost II, senior vice president and general counsel; and Robert J. Dellinger, senior vice president, finance, and chief financial officer.
- PPG's **Operating Committee** is comprised of the five members of the Executive Committee and nine other executive leaders representing corporate staff functions and various business segments across the company.

ANUP JAIN

Vice President,
Strategic Planning
and Corporate Development

J. RICH ALEXANDER*

Executive Vice President,
Performance Coatings

CHARLES F. KAHLE II

Chief Technology Officer
and Vice President, Research and
Development, Coatings

PIERRE-MARIE DE LEENER*

Executive Vice President,
Architectural Coatings – EMEA,
and President, PPG Europe

J. CRAIG JORDAN

Vice President,
Human Resources

RICHARD C. ELIAS

Senior Vice President, Optical
and Specialty Materials

CYNTHIA A. NIEKAMP

Senior Vice President,
Automotive OEM Coatings



Manassas Park Elementary School, Manassas Park, Va., USA, features Solarban® 70XL glass.

PPG plays an active role in working with industry associations by maintaining board and other leadership positions with the following organizations:

- American Chemistry Council
- American Coatings Association
- Ethics & Compliance Officers Association
- European Council of the Paint, Printing Ink and Artists' Colours Industry
- Fédération des industries des peintures, encres, couleurs, colles et adhesives (FIPEC)
- National Association of Manufacturers
- The Chlorine Institute

CHARLES E. BUNCH*

Chairman and
Chief Executive Officer

VIKTORAS R. SEKMAKAS

Senior Vice President,
Industrial Coatings, and
President, PPG Asia/Pacific

GLENN E. BOST II*

Senior Vice President
and General Counsel

ROBERT J. DELLINGER*

Senior Vice President, Finance,
and Chief Financial Officer

DAVID B. NAVIKAS

Vice President
and Controller

MICHAEL H. MCGARRY

Senior Vice President,
Commodity Chemicals

AZIZ GIGA

Vice President
and Treasurer



* Member of the Executive Committee

Corporate Governance ... continued

SUSTAINABILITY COMMITTEE

In 2010, PPG's Board of Directors approved the establishment of the Sustainability Committee. This committee's work is reviewed by the board's Technology and Environment Committee. The Sustainability Committee establishes policies, programs and procedures – including metrics – to help the company better understand and address sustainability in its business practices in order to remain a leader in the business segments in which it participates.

The Sustainability Committee is comprised of two co-chairs and eight members, all of whom are PPG employees. The company defines sustainability broadly to encompass environmental, social and economic performance measures. To that end, the concepts of sustainability that the committee addresses – and that were approved by PPG's Board of Directors – include:

- Providing employees with a safe, healthy and fulfilling workplace;
- Partnering with employees and their families to improve their health and well-being;
- Delivering a superior return on investment to shareholders;
- Minimizing the impact of the company's operations on the environment;
- Furnishing goods and services that meet the needs of customers and society; and
- Being a good corporate citizen in each nation and community in which the company operates.



PPG's Sustainability Committee maintains six standing subcommittees, each chaired by and comprised of PPG employees. Their missions are as follows:

- **Environment, Health and Safety (EHS)**

PPG will market, distribute and manufacture products in a responsible manner that protects employees, neighbors, customers and the environment. To meet this objective, the PPG EHS management system is integrated into each of PPG's businesses. PPG's policy incorporates elements of Responsible Care® and Coatings Care®, global voluntary initiatives where companies work together to improve environment, health and safety within the industry, and it emphasizes the company's commitment to continuous improvement, sustainability and protecting shareholders' interests.

- **Natural Resources and Climate Change**

PPG will continue its efforts to conserve natural resources. This includes defining and driving efficient energy and greenhouse gas (GHG) emissions management, reducing the company's carbon footprint, and continuing to seek ways to utilize alternative resources, such as renewable energy and recycled water.

- **Product Development and Marketing**

PPG will continue to enhance its product offering to provide its customers with solutions to their most serious sustainability issues. An objective for many of PPG's businesses is to develop and market breakthrough, leading-edge products that benefit the environment and conserve energy.

- **Community Engagement and Social Performance**

Following the principles of *Responsible Care* and *Coatings Care*, PPG will continue to develop and maintain processes to ensure that the company's presence enhances the communities in which it operates. It will work to build two-way communications with key community constituents, governmental agencies and appropriate nongovernmental organizations (NGOs). PPG will strive to enhance its corporate citizenship and maintain philanthropic efforts in its communities.

- **Global Advocacy**

PPG will work with other interested parties to develop fair and effective global policies regarding energy security, climate change and sustainability. The company will work to understand the sustainability drivers in the key regions in which it operates and will develop strategic partnerships with industry, government and NGOs that share PPG's vision. In addition, PPG will work to proactively influence legislation and regulation.

- **Sustainability Communications**

PPG will develop and implement plans to communicate with key stakeholders its positions and efforts regarding sustainability. The company will strive to enhance its reputation among opinion leaders, business partners, the financial community and residents of communities where PPG has operations by positioning itself as a leader and innovator in matters related to sustainability. In addition, PPG will continue to develop sustainability reporting and transparency initiatives on a global basis.

A PPG Industries Foundation grant treated students at Burchfield Primary School, Allison Park, Pa., USA, to a visit from the Pittsburgh Zoo and PPG Aquarium Zoomobile educational outreach program.



Heather Burleigh-Flayer and Jean Chun use the P2 methodology to assess photochromic dyes used in making of Transitions® lenses at the Monroeville Chemicals Center, Monroeville, Pa., USA. Under the U.S. Environmental Protection Agency's Project XL, PPG became one of two companies to test and validate EPA's Pollution Prevention (P2) Framework to streamline and improve the toxicity screening of new products.



Business Performance

Against the backdrop of the global economic crisis that now appears to be abating, PPG took significant steps to restructure important parts of its operations. During the economic downturn, the company remained vigilant by focusing on reducing costs, improving efficiency in its businesses and selectively investing for growth.

By all accounts, this strategy has proven successful. The company weathered the downturn, and today, PPG is well-positioned to capitalize on the recovery occurring in many of the company's major markets.

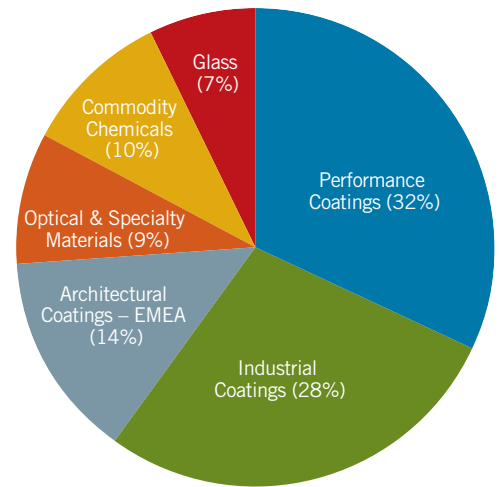
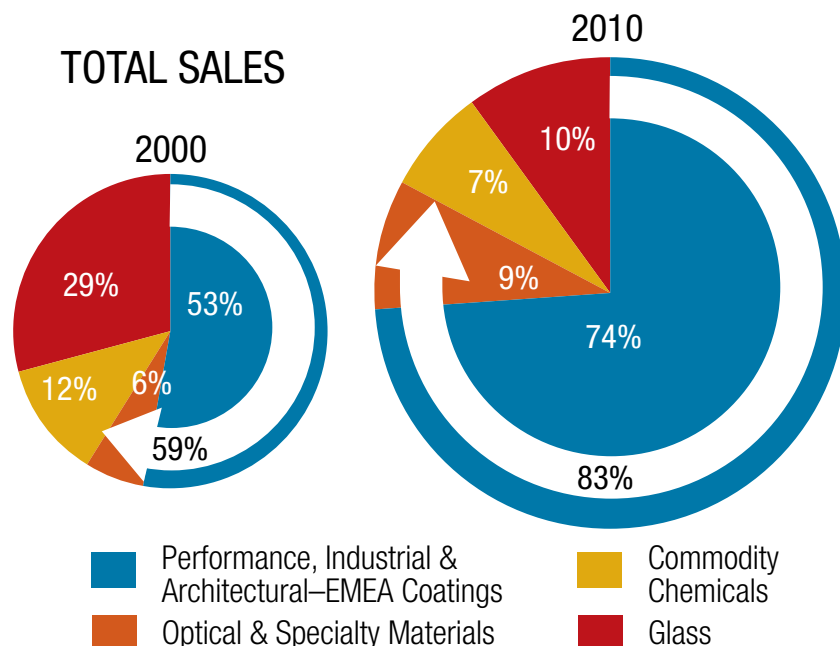
Throughout the global recession, PPG never wavered from its overall strategic vision: to solidify its position as the world's leading coatings and specialty products company. In the process, PPG created a leaner, stronger and more global company, sharply focused on core strengths and expansion into emerging regions. PPG now is carrying tremendous momentum, having built a strong foundation for continued growth in the longer term.

FOCUSED PORTFOLIO

PPG's strategic vision is to continue to be the world's leading coatings and specialty products company – serving customers in construction, consumer products, industrial and transportation markets and aftermarkets.

Today's \$90 billion coatings industry is growing, and PPG is the only major company in the industry to have sizable market positions in all major end-use markets. About 70 percent of PPG's coatings sales are from special-purpose coatings, which typically require higher technical competency and stronger customer partnerships.

As a result of strategic focus and investment, PPG's coatings and Optical and Specialty Materials segments have more than doubled in size since 2000. These segments accounted for approximately \$11 billion in revenues for PPG in 2010, while they accounted for approximately \$5 billion in revenues in 2000. What's more, these segments comprised 83 percent of PPG's revenues in 2010 versus 59 percent in 2000.



2010 Segment Net Sales

OUR STRATEGIES

Fundamental to our strategies is operating our businesses with a global perspective and engaging the skills and diversity of all PPG employees.

Accelerate profitable growth

- Strengthen leadership in coatings and specialty products.
- Continuously improve customer value proposition.
- Drive innovation and new technologies to gain a competitive advantage.
- Expand global presence.

Enhance operational excellence

- Establish margin leadership.
- Selectively invest to strengthen all businesses.
- Strive for cost, supply chain and working capital leadership.

As a major employer, PPG's presence enhances the tax revenue of the nations and communities where it operates. In 2010, PPG paid about \$200 million in taxes globally.

GEOGRAPHIC REACH

Even during the global economic downturn, PPG acted on opportunities to expand its global presence. Today, PPG has a broader geographic footprint than ever and continues to make significant moves to expand its global reach from a U.S.-centric company to one for which global businesses are major engines of growth.

For example, PPG's 2008 acquisition of SigmaKalon Group in the Netherlands continues to bring strategic advantages, including leadership positions in architectural paint, protective and marine coatings and industrial coatings – and a greatly expanded presence in Western and Eastern Europe, Asia/Pacific and Africa. PPG also strengthened its presence in Russia by opening a new automotive refinish coatings training center in Moscow in June 2010. And in South Africa, PPG opened a new packaging and aerospace coatings facility at the company's Prominent Paints® architectural coatings site. Also under construction is a packaging coatings facility at the Damman, Saudi Arabia, architectural coatings site.

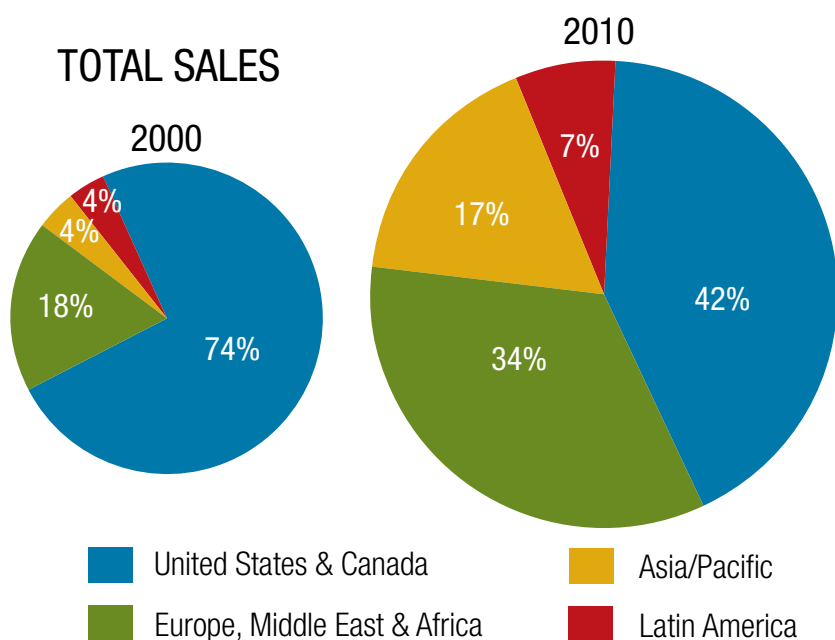
Geographic diversity will continue to be critical to the company's strategy for growth and strengthening of core businesses. PPG's sales in emerging regions such as Asia/Pacific, Eastern Europe, Middle East, Africa and Latin America grew 20 percent in 2010. With sales of nearly \$3.6 billion, these regions now account for about 27 percent of the company. The United States and Canada now represent less than 45 percent of PPG sales versus 74 percent in 2000.



A celebration was held for the acquisition of Bairun, a packaging coatings company in Gaoming District, Foshan, Guangdong, in southern China.



PPG Coatings (Tianjin) Co., Ltd., the largest PPG plant in Asia, held a ceremony to celebrate the expansion of its waterborne automotive and industrial coatings capacity to meet the needs of the regional market.



The economy in the Asia/Pacific region, where the recession was less severe, is growing rapidly. PPG's automotive OEM coatings business in China and India has experienced notable growth in recent years, and the company has strengthened its presence in China with large projects in Jiangsu and Tianjin. PPG also broke ground on its first resin production facility in the region in Zhangjiagang.

Asia/Pacific is the largest global coatings region as measured by industry coatings demand and volume – and PPG has become the second-largest coatings company in the region. Overall, business in the Asia/Pacific region is strong, posting record earnings for 2010 and now representing about 17 percent of PPG's global revenue. In October 2010, PPG reached an agreement to acquire Bairun, a packaging coatings company in Gaoming District, Foshan, Guangdong, in southern China, which is consistent with the company's strategy to grow in emerging regions.

Business Performance ... continued

PPG's architectural coatings business in Latin America has made dramatic gains through the acquisition four years ago of the Tintas Renner architectural coatings business in Gravatai, Brazil; Santiago, Chile; and Montevideo, Uruguay.



In Latin America, PPG's businesses have experienced notable growth as well. Several of the company's businesses – from optical products to packaging, industrial and automotive coatings – are growing rapidly in Brazil, in particular.

COST DISCIPLINE

The economic downturn also led PPG to place an even greater emphasis on operating discipline. The company took a number of steps to address costs, margins, working capital and cash flow. These included actions to improve the company's cost structure and to leverage PPG's global technological and manufacturing capabilities more efficiently.

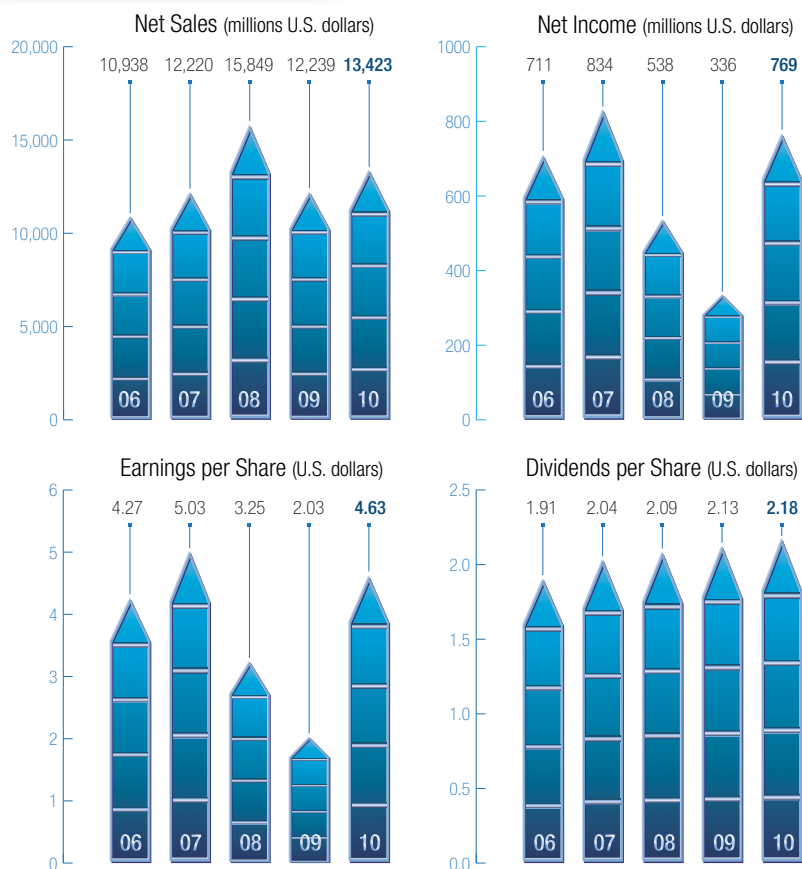
PPG has maintained its record of strong cash generation. As a result, the company ended 2010 with cash and short-term investments of about \$2 billion. Going forward, PPG's priorities for uses of cash include selective investments to grow earnings, such as bolt-on acquisitions, innovation and capital projects, as well as debt repayment and returning cash to shareholders.

Providing a superior return to shareholders has always been a priority for PPG. The company has paid uninterrupted dividends since 1899 and has increased its annual dividend payment for the last 39 years – even during the toughest economic times. In 2010, PPG returned nearly 75 percent of cash from operations, or nearly \$1 billion, to shareholders in the form of dividends and share repurchases.

PPG Segment Income

(\$ millions)	2010	2009
Performance Coatings	\$ 661	\$ 551
Industrial Coatings	378	159
Architectural Coatings – EMEA	113	128
Optical and Specialty Materials	307	235
Commodity Chemicals	189	152
Glass	74	(39)

For more information on PPG's financial performance, refer to our Annual Reports available at www.ppg.com.



Tianjin, China, waterborne coatings
capacity expansion



In October 2009, PPG Industries broke ground on its first resin production facility in mainland China at the Zhangjiagang Yangtze International Chemical Industrial Park, Jiangsu province. Resins are key raw materials for paints and coatings, and the Zhangjiagang plant will supply other PPG plants throughout China.

Energy and the Environment

ENERGY AND THE ENVIRONMENT MANAGEMENT APPROACH

PPG is committed to operating in a manner that is protective of people and the environment. PPG regularly evaluates business risks as they become known and quantifiable, including climate change. The company recognizes the importance of providing products that meet the needs of markets in the context of climate change and increased energy cost, as well as enabling the overall benefit of reducing energy consumption and greenhouse gas generation. PPG is a major supplier of coatings, glass and fiber glass products that enhance energy efficiency or are used in alternative energy technologies such as solar or wind power generation.

With continuous improvement as a core value, the company is focused on capturing and proactively using data to promote stewardship and conservation. PPG regularly updates its management practices to meet increasingly strict regulations.

In addition, PPG actively participates in the legislative and regulatory process regarding a number of important energy and environmental issues. PPG monitors legislative and regulatory activity and manages the associated costs of complying with new regulations. PPG also supports policies related to "green" building, wind and solar energy, responsible exploration and development of onshore/offshore energy resources, and the appropriate level of local, regional and federal government involvement.

Central to PPG's focus on energy and the environment is its EHS Policy. The policy provides the guidelines under which PPG markets, distributes and manufactures products globally in a responsible manner that protects employees, neighbors, customers and the environment. The EHS Policy is implemented through the EHS Management System, a global system that ensures consistent presentation and execution of EHS goals and strategies across all businesses worldwide.

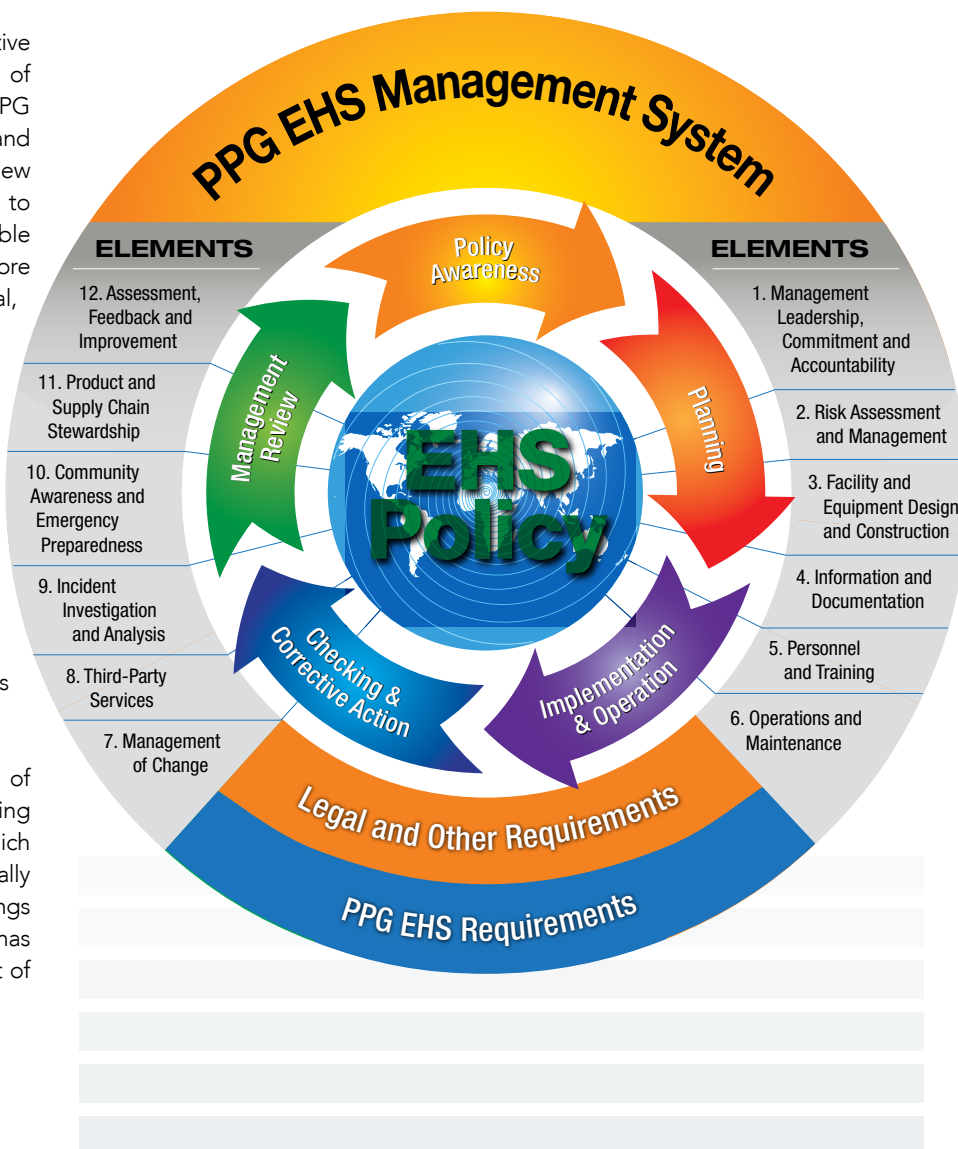
PPG's EHS Policy incorporates the elements of several voluntary global industry initiatives, including Responsible Care® and Coatings Care®, which help companies manage safe and environmentally responsible practices in the chemicals and coatings industries. At more than 40 of its facilities, PPG has received ISO 14001:2004 certification. For a full list of certified facilities, visit www.ppg.com.

PPG EHS MANAGEMENT SYSTEM

Key features of the EHS Management System include the following:

- Providing prioritization tools for the most effective use of PPG's resources
- Establishing consistency in EHS performance through the use of a common language and sharing of successful systems and practices
- Ensuring continuity of EHS implementation across facilities and regions
- Maintaining accountability for EHS performance across all levels of the company
- Driving performance improvements across the organization

The EHS Management System is integrated into each of PPG's businesses. The system consists of 12 elements. Each element, in turn, contains underlying principles and a description of PPG's expectations of its business operations.



EHS CONTINUOUS IMPROVEMENT INITIATIVES

New EHS Data Collection System

PPG recognizes that accurate data collection is critical to regulatory compliance, reporting and disclosure. As PPG's EHS program moves beyond compliance to anticipating and avoiding environmental, safety or other issues and meeting expanded sustainability objectives, the number of stakeholder groups who need environmental data to drive improvement also expands.

To that end, in 2010, PPG made a significant investment in installing and educating managers on the use of new EHS software to collect and analyze environmental data throughout its global operations. This software helps EHS teams to more easily input environmental information and track regular progress against environmental goals.

Through the use of dashboards and customized reports, managers can make comparisons plant-to-plant, process-to-process, business-to-business and month-to-month, and they can visualize their facility's "footprint," including the input of raw materials and the output of waste generated.

The new software gives PPG the ability to manage its environmental impact across its many regions and countries of operations with consistent metrics and in one database. In addition, it creates an audit trail for data integrity and verification. By the close of 2010, the software and a reporting protocol were in place for all PPG manufacturing and research and development sites to be able to enter data into the new system.

Global Product Safety

Another key PPG initiative, launched in 2005, is the development of a Global Product Stewardship (GPS) system to consolidate and standardize EHS data about products as well as the procedures for generating Material Safety Data Sheets (MSDSs), hazard label content and other regulatory documents. By the end of 2010, the GPS system was operational in Australia, China, Thailand, Taiwan, Vietnam, Malaysia, New Zealand, much of Europe, the United States, Canada, Mexico and Brazil – across approximately 70 percent of PPG's current production. In 2011, businesses producing MSDSs using separate operating systems, including SAP, will be connected to GPS. When the initiative is fully implemented in 2011, all of PPG's facilities worldwide will be covered.

Since 2000, reportable injuries at PPG's chlor-alkali plants, such as the Natrium, W.Va., USA, plant shown below, are down 30 to 50 percent, and internally reportable spills and releases were cut nearly in half from 2009 to 2010. As part of its safety commitment, PPG leads and participates in annual exercises designed to test emergency strategies, readiness and responses.



Operator Jeff Calcote monitors manufacturing processes at the plant in Natrium, W.Va., USA.



DRIVING EHS INTEGRATION IN NEW PRODUCT DEVELOPMENT

Stage-Gate® Business System for New Product Development

All new products developed at PPG use the Stage-Gate Business System, an operational roadmap for moving a new-product project from idea to launch. The Stage-Gate system divides product development into distinct stages and incorporates assessment of EHS criteria at every stage. Actual stages vary depending on the concept and the business. The following represents a typical flow:

Stage 1: Idea Creation – An idea is generated by an employee, customer or partner and test drills are performed to prove concept.

Stage 2: Business Case – Cross-functional teams assess profitability potential as well as impact on factors such as health, sustainability and energy reduction.

Stage 3: Product Development – Resources are assigned to fully develop a product against the goals established in prior stages.

Stage 4: Testing and Verification – Customers provide feedback on the well-developed product to ensure it meets requirements and goals.

Stage 5: Commercialization – Metrics are tracked to ensure the product performs as expected in the market.

Energy and the Environment ... continued

Approach to REACH Regulations in Europe

The European Union's Registration, Evaluation, Authorization and Restriction of Chemical Substances (REACH) regulations, in place since 2007, require manufacturers to gather information on the properties of their chemical substances and to register the information in a central database.

PPG is committed to meeting and exceeding REACH requirements through a four-part process:

- Gaining a competitive advantage by identifying and implementing effective strategies
- Managing compliance to ensure all requirements are met on time, and all registrations are accurate and complete
- Ensuring supply chain continuity when raw materials are affected by new regulations
- Maintaining a strong, sustainable REACH compliance organization throughout the 11-year phase-in of REACH provisions

To achieve REACH goals and share best practices among PPG businesses, a steering committee at PPG Europe oversees all REACH activities and approves strategies that are carried forward by the implementation and coordination team. The committee meets twice monthly and includes representatives from all PPG businesses, as well as employees from functional areas including purchasing and supply chain; legal; and environment, health and safety.

In 2010, PPG registered 10 substances: four manufactured in Europe and six contained in imported products. By the end of 2010, PPG had completed more than 480 notifications of classified substances to EU regulatory authorities according to new Classification Labeling and Packaging regulation.

PPG Europe was recognized by Innovest, an independent investment consulting firm, as the "top-rated company in terms of management strategy, exposure and strategic profit opportunities" for its REACH implementation efforts.

OPPORTUNITY: REACH COMPETITIVE ADVANTAGE

PPG's automotive refinish coatings business took the initiative to replace phthalates – which add flexibility, transparency, durability and longevity to coatings but have been listed as "areas of concern" by the European Union – in some refinish primer products in advance of any possible prohibition on sale or manufacture of products containing phthalates beyond 2013. This has been done while maintaining product performance.

PPG Polifarb Cieszyn SA, Cieszyn, Poland, announced in October 2010 that it had been awarded the ISO TS 16949 certificate. The facility also holds ISO 9001, ISO 14001 and OHSAS 18001 certifications of integrated management systems, and it is the largest Polish producer of industrial coatings for applications such as industrial machines, as for the harvester shown here.



Teslin® substrate and CR-39® optical monomer are among the products made at the Barberton, Ohio, USA, chemicals plant.

RECOGNITION FOR RAIL SAFETY AND HANDLING HAZARDOUS MATERIALS

During 2010, PPG was recognized for excellence in chemicals transportation safety by three rail carriers it utilized in 2009: Burlington Northern Santa Fe, Canadian National and Union Pacific. The recognition is based on the shipment of hazardous materials without incident of a "non-accident release," which includes leaks, splashes or other releases from improperly secured or defective valves, fittings and tank shells.



HELPING CUSTOMERS ACHIEVE ENVIRONMENTAL IMPROVEMENTS

PPG's Solar Performance Group

PPG is committed to making products that help customers to be more environmentally responsible. For example, the PPG Solar Performance Group, formed in September 2010, focuses on the continuous development and commercialization of glass and coatings technologies for the solar power industry. The group is dedicated to product and technology development, sales, manufacturing and technical support for durable, "green" coatings, adhesives and sealants.



PPG GLASS

Energy and the Environment ... continued

Products That Feature Environmental Benefits

In 2010, PPG launched the promotion of its EcoLogical Solutions From PPGSM offerings on a global scale, incorporating the "green" concept into its core business.



By the end of 2010, 30.1 percent of PPG's overall global sales were from green products – products that have beneficial energy, environmental or social attributes. This is an increase of nearly 20 percent versus 2009.

Also in 2010, PPG introduced new products expected to generate global sales of \$2 billion within the first 60 months of being introduced. Of these new products, products formulated to promote environmental sustainability by reducing energy consumption, volatile organic compound (VOC) emissions and water use generated \$800 million in global sales in 2010.



PPG automotive refinish coatings have covered many Penske Racing race cars.



Green Product Innovations

In its new product development, PPG considers the life cycle phases of products as well as several key environmental dimensions of green product innovation. Among these are energy minimization and the increased use of cleaner alternative energies such as wind and solar; materials reduction; and pollution prevention.

For example:

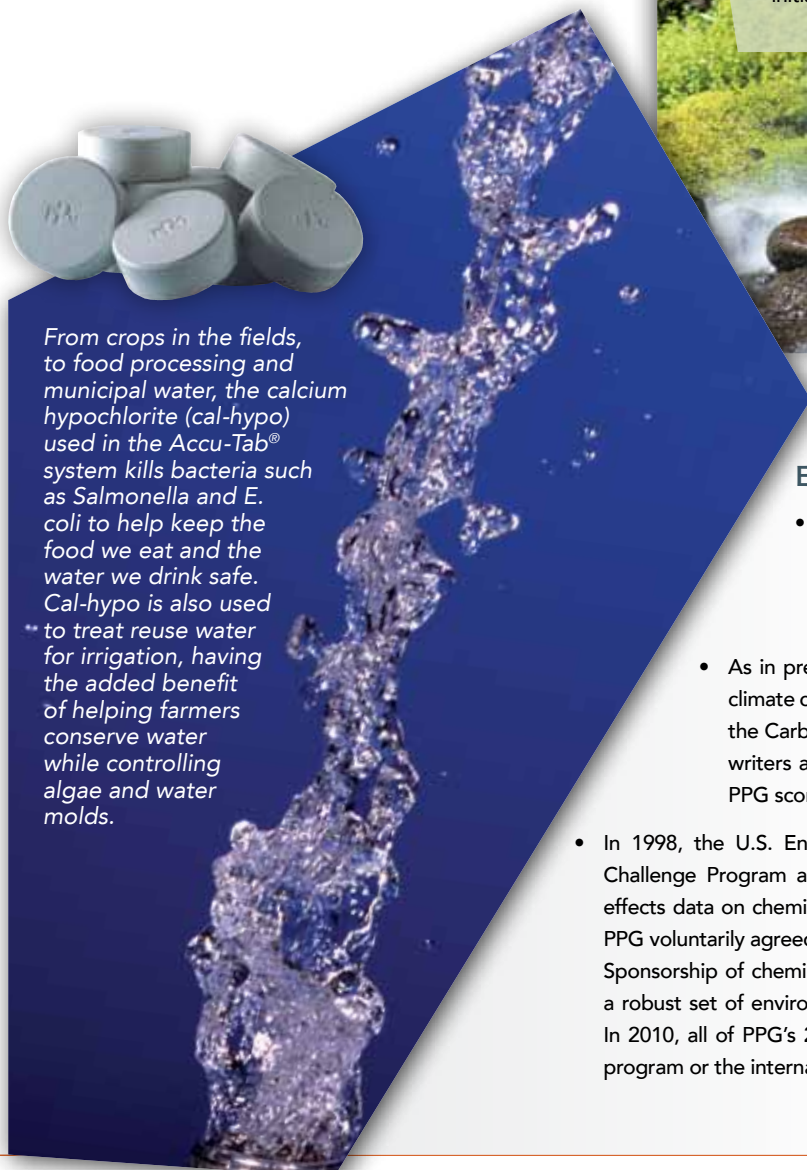
- PPG has long been committed to developing green coating technologies, such as waterborne liquid, powder, low-VOC and high-solids formulations. Among the company's newest green coatings are SigmaShield® coatings for metal components and industrial towers, which were launched in 2009. This series of high-solids, low-VOC coatings comply with ISO 12944 and NORSOK M-501 global environmental standards.
- In 2009, PPG worked with Penske Racing at its state-of-the-art race car facility in Mooresville, N.C., USA, to enable the use of PPG's environmentally-responsible Envirobase® High Performance waterborne coatings system, which helps protect air quality by reducing the amount of VOCs released into the atmosphere.
- In 2010, Germanischer Lloyd, a leading international certification body in the wind energy industry, certified HYBON® fiber glass direct roving products by PPG for use in wind turbine blades. This roving offers wind turbine blade producers the high mechanical performance required for critical structural designs and provides advantages in blade processing.
- In June 2009, PPG introduced Sungate® 400 low-emissivity (low-e) glass and Solarban® 65 solar control, low-e glass for residential window manufacturers. These products help customers meet ENERGY STAR® criteria and green building codes and help achieve the "30/30" requirement established by the U.S. government for energy-efficient windows.
- When used in tire treads, Agilon® 400 silica from PPG reduces rolling resistance and improves tire handling and traction. These improvements support the industry's need to increase vehicle fuel efficiency and safety and to reduce greenhouse gas emissions. In addition, the new technology helps tire manufacturers increase production efficiency and reduce VOC emissions.

- Solarban 70XL and Solarban 60 solar control, low-e glass helps buildings to rely less on artificial lighting and to reduce cooling loads. An independent study found Solarban 70XL solar control, low-e glass could save buildings carbon emissions of 400 to 500 tons per year. The 2009 study found that even more energy savings can be achieved by combining the use of PPG's solar control low-e glass with Duranar® ULTRA-Cool® metal roof coatings with infrared-reflective technology. By reflecting the sun's heat, the coatings keep people inside buildings cooler while reducing air conditioning costs.
- PPG launched PR-2007 in February 2009 as the lightest airplane fuel tank sealant on the market, designed to add 30 percent less weight than traditional sealants, which enhances aircraft fuel efficiency. PPG also developed a chromate-free, fast-curing aircraft windshield sealant in March 2009.



RIPOLIN® GREEN BEARS ECOLABEL

Ripolin, a PPG retail paint brand in France, was one of the country's first to offer a wide range of products with a high concentration of natural raw materials. In fact, some Ripolin products have up to 98 percent natural raw materials in their formulations. The introduction of Ripolin Green included the NF Environment Mark Ecolabel, a voluntary certification mark issued by third-party accreditor AFAQ AFNOR, indicating that the product complies with ecological and fit-for-purpose criteria. The Ripolin brand is committed to research and develop innovative VOC-free and water-based formulations; to use recycled packaging; to reduce the use of packaging overall; to support France's eco-packaging selective waste collection initiative; and to manage and reduce its plants' impact on the environment.



From crops in the fields, to food processing and municipal water, the calcium hypochlorite (cal-hypo) used in the Accu-Tab® system kills bacteria such as Salmonella and E. coli to help keep the food we eat and the water we drink safe. Cal-hypo is also used

** to treat reuse water for irrigation, having the added benefit of helping farmers conserve water while controlling algae and water molds.

ENERGY AND ENVIRONMENTAL PARTNERSHIPS

- In December 2009, PPG joined the U.S. Department of Energy (DOE) Save Energy Now LEADER Program, reinforcing the company's voluntary efforts to significantly reduce its industrial energy intensity by 25 percent over the next decade.
- As in previous years, PPG completed an annual request for information regarding climate change management strategy and greenhouse gas emissions inventory from the Carbon Disclosure Project (CDP). PPG's response was analyzed by CDP's report writers and was benchmarked with 1,100 other suppliers who responded in 2010. PPG scored 76 out of 100 possible points, compared to the industry average of 48.
- In 1998, the U.S. Environmental Protection Agency's (EPA's) High Production Volume (HPV) Challenge Program asked companies to develop and make public health and environmental effects data on chemicals produced or imported in the United States in the greatest quantities. PPG voluntarily agreed to sponsor 100 percent of its products that were included in the program. Sponsorship of chemicals in the program involved conducting toxicology studies and providing a robust set of environmental and health hazard data for multiple endpoints on each chemical. In 2010, all of PPG's 25 HPV commitments were completed on time through either EPA's HPV program or the international HPV program.

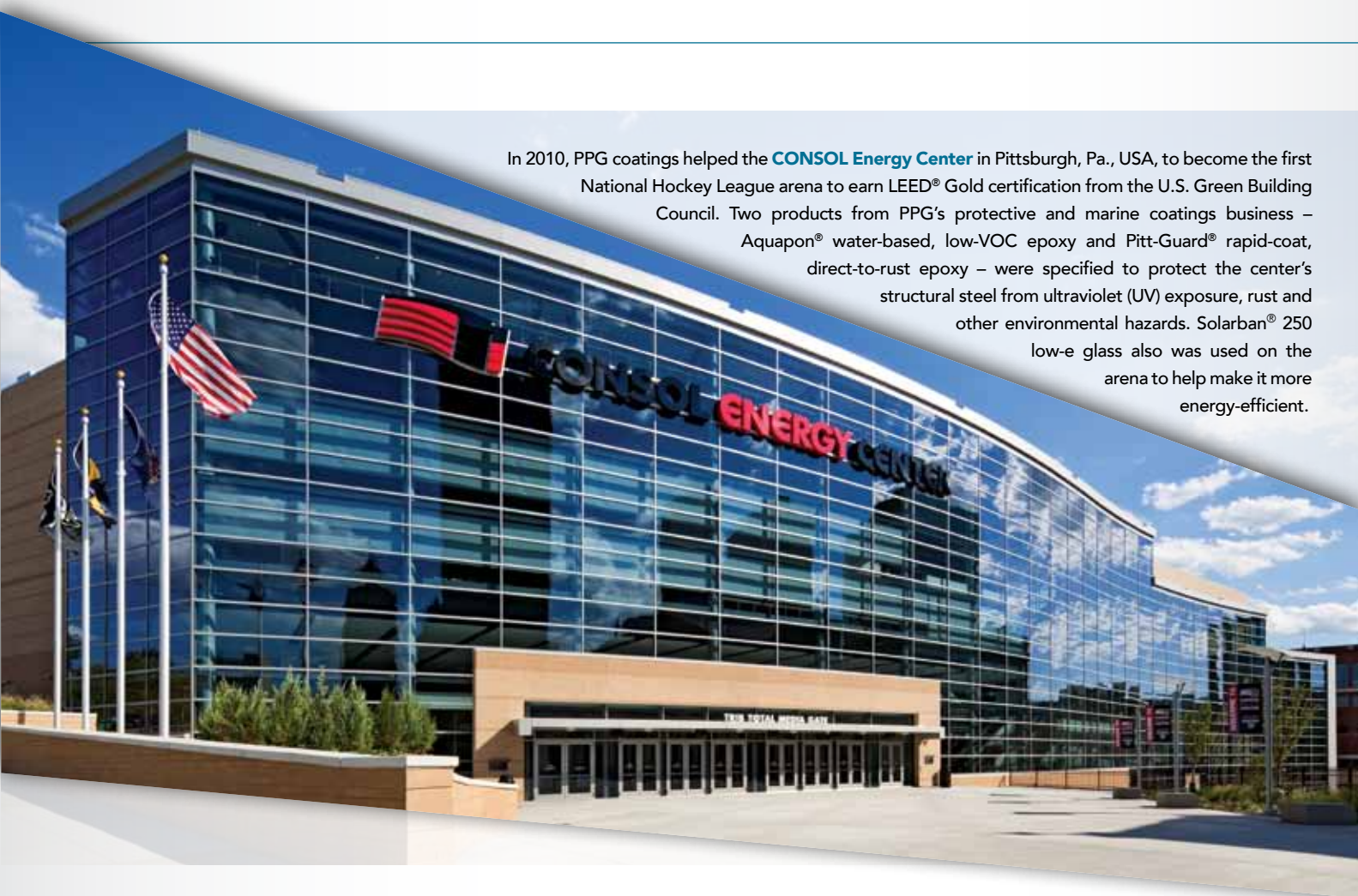
Energy and the Environment ... *continued*

Green Construction in Action

- In support of **World Expo 2010 in Shanghai, China**, PPG supplied low-emissivity (low-e) glass and low-volatile organic compound (VOC) coatings for expo pavilions and infrastructure near the event. These products included Solarban® 70XL glass, Seigneurie® Inotex™ interior coatings and IVY® waterborne wood coatings. In addition, the largest PPG plant in Asia, **PPG Coatings (Tianjin) Co., Ltd.**, began expanding its waterborne automotive and industrial coatings capacity to meet the needs of the Asian market.
- The **Appaloosa Branch Library, Scottsdale, Ariz., USA**, became the first building constructed with color-shifting Duranar® VARI-Cool® coatings. The building also included Solarban 60 Atlantica® low-e glass. These products helped the building to earn Leadership in Energy and Environmental Design (LEED®) Gold certification by the U.S. Green Building Council. Compared to other buildings of similar size, the library is expected to use 32 percent less energy, in part due to PPG's cool roof coatings technology.
- PPG's energy-saving Solarban 60 Starphire® glass transmits 74 percent of the sun's natural light and blocks 60 percent of its heat energy to reduce cooling costs and reliance on artificial lighting. It was used in the building of the tallest LEED®-certified building in the United States – the **Comcast Center in Philadelphia, Pa., USA**.
- Sumare, Brazil, is home to **PPG's Latin America regional headquarters** as well as a coatings plant. In 2010, the plant piloted several projects that harness the sun's "free" energy for illumination and heat. In the 60,000-square-foot raw materials warehouse, one-third of the building is using 18 skylights to allow the penetration of natural light, eliminating the use of 75 incandescent lamps of 400 watts each for more than 12 hours per day. In the main dressing room, a natural heating system has replaced electricity to warm the showers. Outside, silicon plaques generate electrical energy to illuminate the PPG highway sign. Conventional lamps also have been replaced by more energy-efficient LED, or light-emitting diode, lighting technology.



Appaloosa Branch Library,
Scottsdale, Ariz., USA



In 2010, PPG coatings helped the **CONSOL Energy Center** in Pittsburgh, Pa., USA, to become the first National Hockey League arena to earn LEED® Gold certification from the U.S. Green Building Council. Two products from PPG's protective and marine coatings business – Aquapon® water-based, low-VOC epoxy and Pitt-Guard® rapid-coat, direct-to-rust epoxy – were specified to protect the center's structural steel from ultraviolet (UV) exposure, rust and other environmental hazards. Solarban® 250 low-e glass also was used on the arena to help make it more energy-efficient.

Energy Partnership Projects

PPG joined several prestigious partnerships in 2010 in order to contribute its expertise in energy-saving and environmental products.

In January 2010, the **U.S. Department of Energy** (DOE) awarded PPG a \$1.6 million grant for the development of a low-cost glass substrate to promote the commercialization and mass production of organic OLED lighting. OLEDs are made from organic materials that emit light when an electrical current passes through them. As part of the DOE grant, PPG researchers will develop a coated glass substrate that is less expensive and will enable OLEDs that produce more light with less energy. The DOE estimates that lighting for buildings accounts for more than 20 percent of U.S. energy use, and it also estimates that over the next 20 years, widespread adoption of LED and OLED lighting could reduce electricity demands by 60 percent and prevent almost 260 metric tons of carbon emissions.

In October 2010, PPG was selected as one of the five industry partners in the **Greater Philadelphia Innovation Cluster** (GPIC), a five-year initiative designed to improve the energy efficiency of buildings.

The initiative is located at the Philadelphia Navy Yard, Pa., USA, a 1,200-acre waterfront business development that is home to 80 companies. PPG will:

- Leverage a \$1.5 million grant for research and development in smart glass technology for incorporation into responsive window products, in collaboration with Carnegie Mellon University's School of Architecture
- Provide expertise in the development of integrated glass technologies that will enable a building to better control solar heat gain and visual light
- Demonstrate next-generation products in areas such as roofing, interior coatings, solar power, wind power and other sustainable or energy-efficient applications

Energy and the Environment ... *continued*

Environmental Resources and Education

PPG's industrial coatings business developed a sustainable design course called Cool Coatings for Metal Roofing, offered by the American Institute of Architects' Continuing Education Service.

PPG's support center for following U.S. Green Building Council Leadership in Energy and Environmental Design (LEED®) standards, at www.ppgideascape.com, provides resources and information to help companies "build green" and earn LEED certification for projects.

PPG also participates in the Climate RESOLVE (Responsible Environmental Steps, Opportunities to Lead by Voluntary Efforts) initiative, which seeks to have every company in every sector of the economy undertake voluntary actions to control greenhouse gas (GHG) emissions and improve the GHG intensity of the U.S. economy.

Environmental Claims on Products

In a marketplace of ever-increasing sustainability product claims, PPG tries to minimize confusion and maintain differentiation by utilizing various scientific methods to claim environmental or social product benefits. Where applicable, PPG pursues third-party certification for its products or collaborates with its customers to consider a product's use through life cycle stages. However, when self-declared claims are made, PPG marketing practices follow the ISO 14021 standard regarding self-declared claims for environmental labels and declarations or local guidelines, if available.

In 2010, Solarban® R100 glass, Sungate® 400 glass and Clarvista™ shower glass earned Cradle to Cradle® Certification at the Silver tier. PPG earned Cradle to Cradle Certification for all of its architectural glass products in 2008, and it remains the only glass manufacturer in the world to have achieved this distinction.

The three glasses were named as Cradle to Cradle Certified™ products after an audit of the materials used in their formulation and production, and the processes used to manufacture them. Cradle to Cradle Certification is awarded by McDonough Braungart Design Chemistry (MBDC), which independently evaluates the total impact of a product on human health and the environment throughout its life cycle. Considerations include sustainability of the product's material ingredients and their ability to be reused, and how efficiently water and energy are used in the product's manufacture. The product manufacturer also must demonstrate socially responsible corporate practices that encompass social fairness, ethical business standards and environmental stewardship.

PPG also requires all of its products to include labeling regarding how to safely use the product and how to dispose of products to reduce environmental impacts.

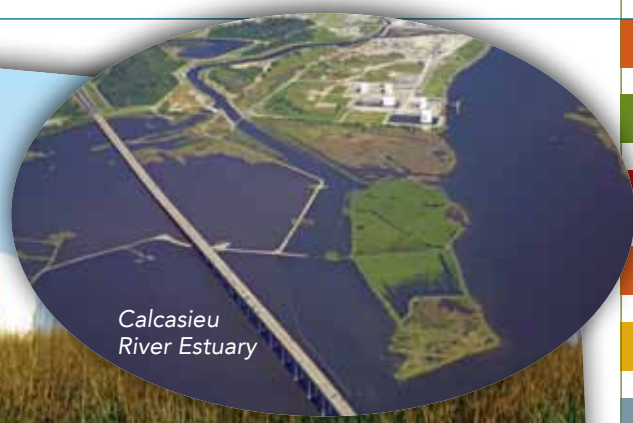
Funding Conservation and Remediation Projects

Certified Wildlife Habitats, five locations: PPG continues to partner with the Wildlife Habitat Council to promote environmental stewardship through habitat conservation and development on company-owned properties. PPG and the council have created Certified Wildlife Habitats at five PPG facilities in the United States, Canada and Mexico.

EFFICIENCY AT MOREUIL AND RUITZ

In 2008, PPG's Moreuil and Ruitz, France, architectural coatings plants undertook a significant initiative to reduce their "carbon footprint." Using ADEME Bilan Carbone® methodology, a cradle-to-grave carbon footprint was developed. Based on the findings, the Moreuil facility launched a project to recycle its wash water tanks and remove bacteria in its wastewater treatment. The project was completed in 2010 and achieved a 15 percent savings in water consumption. The Ruitz facility is planning to conduct its own project to assess the environmental impact of switching from solvent- to water-based products.

PPG is working cooperatively with other companies and state and federal agencies including the Louisiana Department of Environmental Quality to remediate Bayou d'Inde.



Calcasieu
River Estuary

Lake Charles, La., USA: In July 2010, with Louisiana Department of Environmental Quality approval, PPG began using remedial groundwater in its Lake Charles chemical plant processes, which will result in annual conservation of 100 million gallons of fresh water. PPG also began creating wetlands along the Calcasieu River as the final phase of a project to remediate and reroute the water discharge canal at its Lake Charles facility. The initiative, which began in 2009, reroutes the plant's water discharge point from Bayou d'Inde to the Calcasieu River and creates 20 acres of wetlands adjacent to the Interstate 210 bridge.

PPG also continues to return its former manufacturing sites to productive and beneficial use through remediation projects.

Barberton, Ohio, USA: PPG continues to transform former impoundment areas or "lime lakes" created by decades of past soda ash production with PPG-developed technology that encourages plants and wildlife to grow. To date, three of these lime lakes, covering more than 300 acres and representing half of the total acreage affected, have been remediated. A fourth lime lake of about 260 acres is currently undergoing reclamation activities, with project completion slated for 2015. All four of the reclaimed lime lakes have received Wildlife Habitat Council Certification. In October 2010, the 110-year-old specialty chemicals plant hosted an open house attended by 400 community members. It featured displays and a bus tour of the lime lakes reclamation project.

Jersey City, N.J., USA: PPG, the City of Jersey City and the New Jersey Department of Environmental Protection entered into a judicial settlement in 2009 designed to expedite cleanup of the remaining 20 chromium sites in Hudson County for which PPG has responsibility. In 2010, the parties reached an agreement on a PPG proposal to remove about 700,000 tons of chromium waste from PPG's former plant location on Garfield Avenue and five surrounding sites over the next four years. Since July 2010, PPG has been conducting an initial cleanup at the Garfield Avenue site to remove highly impacted soils and evaluate a range of cleanup methods. Investigations for all sites are expected to be complete in 2011, with completion of remediation activities targeted for December 2014.



Energy and the Environment ... *continued*

ENERGY AND ENVIRONMENTAL PERFORMANCE

Increased Production, Enhanced Data Reporting

As a result of the improving economy and growing customer demand for its products, PPG increased production across many of its facilities in 2009 and 2010. This led to an increase in many environment-related consumption and emissions metrics.

In addition, PPG has integrated new software that enables it to better understand and manage the environmental impact of its global operations. The company believes that it has for the first time captured a full picture of its environmental footprint. Having this comprehensive information available in a global database will allow the company to drive its ongoing sustainability efforts even more effectively.

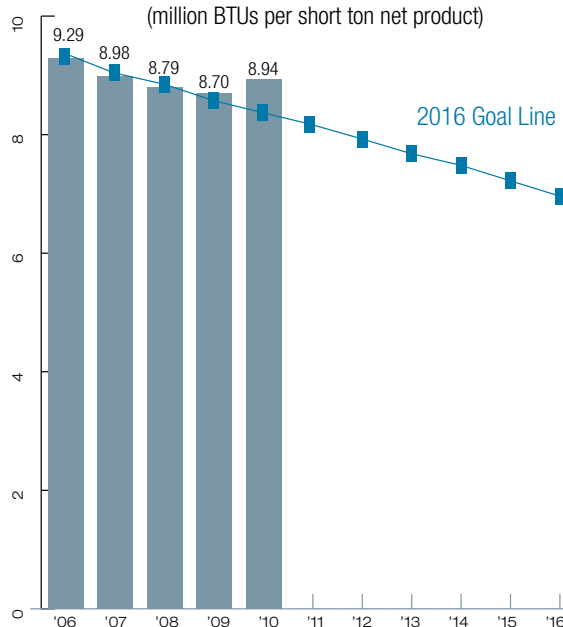
Energy and Greenhouse Gas Emissions

Global Energy Intensity: One of the primary ways that PPG tracks energy use is through energy intensity, or the number of million British thermal units (BTUs) of energy used per short ton of product manufactured. Since 2006, PPG has experienced a slight decline in total energy intensity as a result of focused and effective energy management practices, through stagnant and then improving economic environments that presented varying production demands. Total energy intensity in 2010 increased from 2009 levels, due to increased energy use in response to the improving economy. PPG continues to progress toward its goal of reducing its global energy intensity from 9.29 million BTUs per short ton product in 2006 to 7.00 million BTUs per short ton product in 2016.

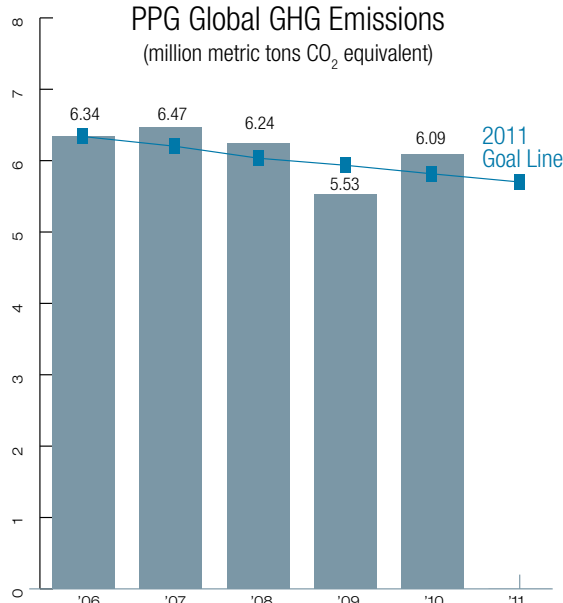
Direct and Indirect Energy Consumption: In addition to energy intensity, PPG also measures both direct and indirect energy consumption. Direct energy consumption is the amount of primary energy combusted on-site by PPG. Direct energy sources employed by PPG may include coal, natural gas, fuel distilled from crude oil, propane, biofuels, ethanol and hydrogen. PPG reported direct energy consumption of 69.27 trillion BTUs in 2010. Indirect energy refers to the energy consumed by PPG that is generated by, and purchased from, external suppliers. PPG consumes indirect energy through its use of electricity, heat, steam, and electricity generated from alternative energy sources such as solar and wind. PPG reported indirect energy consumption of 9.94 trillion BTUs in 2010.

Greenhouse Gas (GHG) Emissions: Effective energy management practices also led to a decline in PPG's GHG emissions, from 6.34 million metric tons of carbon dioxide (CO₂) equivalent in 2006, to 6.09 million metric tons of CO₂ equivalent in 2010. While PPG fell short of its 2010 goal of limiting GHG emissions to 5.83 million metric tons of CO₂ equivalent, the company continues to work toward its long-term goal of reducing emissions to 5.7 million metric tons of CO₂ equivalent by the end of 2011.

PPG Global Energy Intensity Summary
(million BTUs per short ton net product)



PPG Global GHG Emissions
(million metric tons CO₂ equivalent)

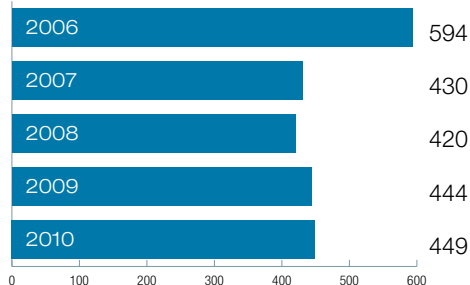




Water

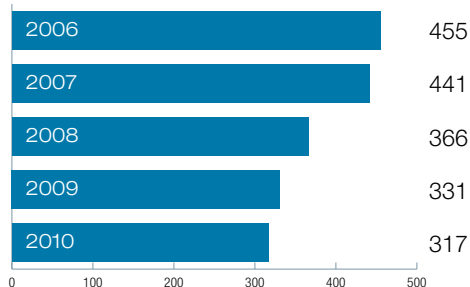
Water Consumed: PPG reported slightly higher water consumption in 2010 versus 2009, primarily due to more water being used for cavity water injection for brine production in some of the company's commodity chemicals facilities. Overall in 2010, PPG facilities consumed approximately 449 million cubic meters of water, slightly higher than the 444 million cubic meters of water PPG consumed in 2009.

Water Consumed (million cubic meters)



Water Discharged: PPG was able to reduce water discharge in 2010, primarily because of efforts to reduce cooling water requirements at its Lake Charles, La., USA, facility. In 2010, PPG reported approximately 317 million cubic meters of water discharged, down from the 2009 discharge level of approximately 331 million cubic meters.

Water Discharged (million cubic meters)



PPG invested \$100 million in energy-efficient membrane cell production technology for chlorine and caustic soda manufacturing at its Lake Charles, La., USA, plant. In 2010, the use of asbestos was eliminated using PPG's proprietary Tephram® non-asbestos diaphragm technology. The facility now encompasses the largest completely non-asbestos diaphragm operation in the world, providing a truly world-scale asbestos-free facility overall.

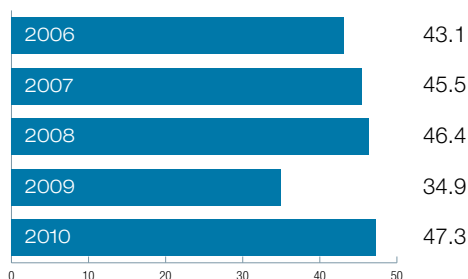
Energy and the Environment ... *continued*

Air

PPG experienced increased air emissions in 2010, primarily due to increased production across its businesses. Specifically, the company reported:

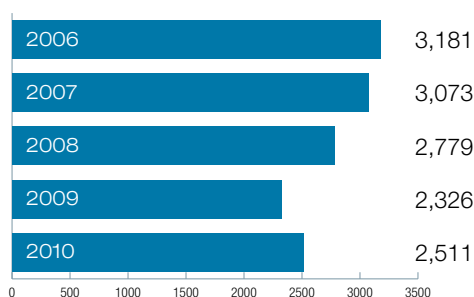
- Emissions of ozone-depleting chemicals at PPG facilities rose by approximately 32 percent in 2010 over 2009 levels due to increased production.

Ozone-Depleting Compounds (metric tons)



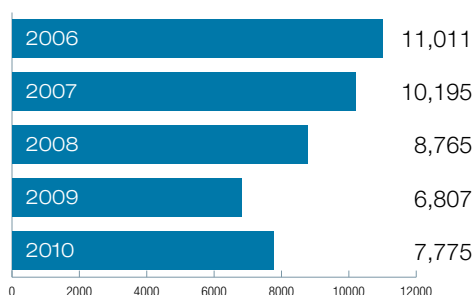
- PPG saw an increase in emissions of volatile organic compounds (VOCs) in 2010 over 2009 levels due to several factors associated with increased production, specifically in its chemicals, glass and industrial coatings operations. Since 2006, PPG has reduced its VOC emissions by 21 percent, from 3,181 metric tons in 2006 to 2,511 metric tons in 2010.

Volatile Organic Compounds (metric tons)



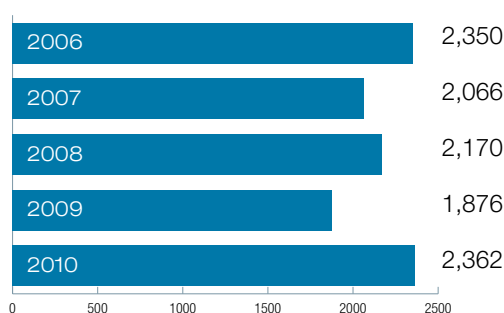
- Though PPG's sulfur dioxide emissions rose from more than 6,800 metric tons in 2009 to 7,775 metric tons in 2010, the company's emissions have decreased by 28 percent from 2006, when they totaled 11,011 metric tons.

Sulfur Dioxide (metric tons)

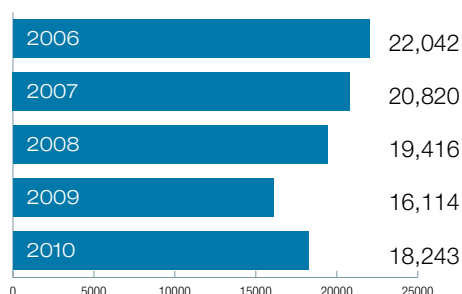


- Levels of particulate matter and nitrogen oxide (NOx) emissions also rose in 2010.

Particulate Matter (metric tons)



Nitrogen Oxide (metric tons)



- PPG continues to introduce initiatives to reduce NOx emissions. One example was the conversion of float glass furnaces from using air-fired to using oxygen-fuel technology. PPG was one of the first companies to install oxygen-fuel furnace technology on float glass and fiber glass production lines in North America and Europe. Today, this technology, which PPG now licenses to glass manufacturers around the world, reduces fuel consumption by 15 percent. PPG expects a 2,000 ton per year reduction in NOx emissions in 2011 due to this most recent conversion to oxygen-fuel technology.

Spills and Releases

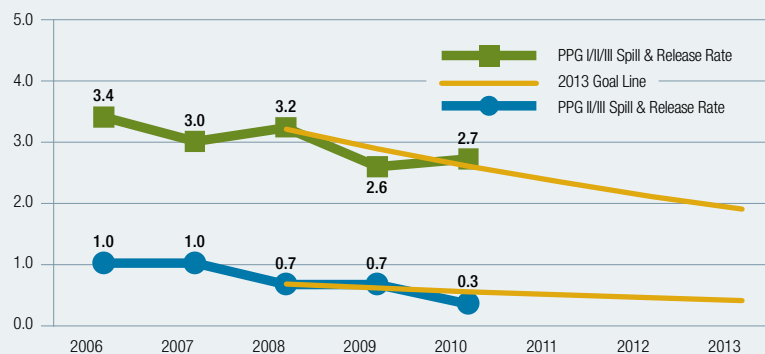
PPG rates the significance of spills according to the potential severity they pose to employees and the environment, with Category One spills being the least severe and Category Three being the most severe. Though PPG's overall spill and release rate increased in 2010, PPG's Category Two and Three spill and release rates – more severe spills – decreased and surpassed the company's goal. PPG continues to work toward its five-year target of a 10 percent reduction from the previous year in spills per 1,000 employees, from 3.2 in 2008 to 1.9 by 2013.

Waste

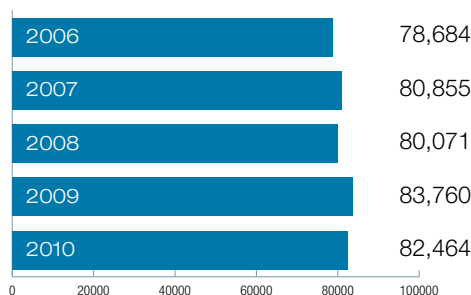
Hazardous Waste: PPG disposed of 82,464 metric tons of hazardous waste in 2010, down from 83,760 metric tons in 2009. This is due to production changes that affected waste volumes and off-site disposal of non-moving or obsolete products.

Nonhazardous Waste: PPG's level of nonhazardous waste disposal increased in 2010 to 270,165 metric tons – up from 189,215 metric tons in 2009. The increase was primarily due to increases in production in PPG's glass and chemicals businesses. Levels for PPG's Glass segment increased largely due to the rebuild of a furnace at the Wichita Falls, Texas, USA, facility and recycling of cullet at the Fresno, Calif., USA, plant. The chemicals business experienced an increase largely due to increased use of coal and subsequent disposal of fly-ash.

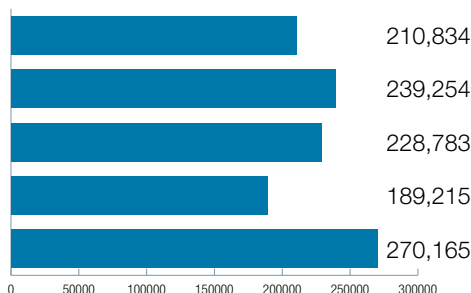
PPG Spills & Releases (per 1,000 employees)



Hazardous Waste (metric tons)



Nonhazardous Waste (metric tons)



A truck is filled with product at the Beauharnois, Que., Canada, chemicals plant.

BEAUHARNOIS PLANT REDUCES ENERGY CONSUMPTION

PPG's chemicals manufacturing plant in Beauharnois, Que., Canada, has reduced costs and increased its competitiveness by lowering its electricity consumption by 5 percent. In 2010, the plant's energy-saving initiatives were recognized by Hydro-Québec, the utility that supplies electricity to the facility, for being part of a "prestigious circle" of large customers that have a "visionary and proactive attitude" toward energy efficiency and are "models in their industry."

Employees and the Workplace

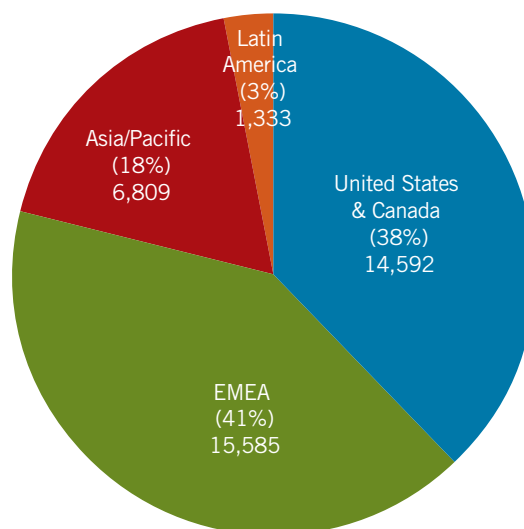
PPG understands its success as a company is linked directly to its people. Creating safe, healthy and fulfilling workplaces for employees is critical to PPG's future success. PPG also understands that organizations that foster inclusiveness and seek to empower people are more innovative and more productive. With more than 38,000 employees, PPG is committed to continuing to invest in its people and in a workplace defined by constant learning and recognition of the full diversity of ideas and individuals.

At PPG, approximately 38 percent of the total workforce is employed in the United States and Canada; 41 percent in Europe, Middle East and Africa (EMEA); 18 percent in Asia/Pacific; and 3 percent in Latin America. About 41 percent of the total workforce is covered by collective bargaining agreements.

2010 PPG Workforce by Region

As of Dec. 31, 2010

Total number of PPG employees: 38,319



LEADERSHIP IN MOTION CONFERENCE

In 2010, more than 80 women from across the company participated in PPG's Leadership In Motion conference, conducted in Pittsburgh, Pa., USA, by the PPG Women's Leadership Council. The event included an executive panel discussion and sessions on the importance of "Visibility," "Advanced Career Management," "The First 90 Days," "Leading vs. Managing," and "Networking and Mentoring." Similar events were held in Shanghai, China, and Sao Paulo, Brazil.



Sharon G. Piciacchio, Vice President, Chlor-Alkali & Derivatives Marketing & Services and Cal-Hypo, and President of PPG's Women's Leadership Council

PENSION PLANS

PPG has defined benefit pension plans that cover certain employees worldwide. The principal defined benefit pension plans are those in the United States, Canada, the Netherlands and the United Kingdom. In 2010, PPG made voluntary contributions to its U.S. defined benefit pension plans and also made contributions to its non-U.S. defined benefit pension plans, some of which were mandated by local funding requirements. The aggregate projected benefit obligation ("PBO") under U.S. generally accepted accounting principles (GAAP) as of December 31, 2010, for all of PPG's defined benefit plans was \$5 billion with an aggregate market value of assets of \$4.1 billion. During 2010, PPG made changes to certain of its defined benefit pension plans in connection with shifting pension benefits for future service to defined contribution pension plans. Such changes enacted in 2010 were for the defined benefit plan in the United Kingdom and for certain bargaining unit plans in the United States. In January 2011, the company approved an amendment to one of its U.S. defined benefit pension plans that represents 77 percent of the total U.S. projected benefit obligation at December 31, 2010. The impact of this amendment was to lower the estimated 2011 projected benefit obligation by approximately \$65 million and lower the estimated 2011 expense by approximately \$12 million.



Members of the Transitions Optical (Thailand), Ltd. team with the 2010 Gallup Great Workplace Award

FOSTERING DIVERSITY AND EMPLOYEE ENGAGEMENT AT TRANSITIONS OPTICAL

Leadership in Diversity

Transitions Optical, PPG's 51-percent owned joint venture, has long embraced diversity in its advertising and marketing campaigns. In 2010, Transitions Optical formed the Transitions Diversity Advisory Board as an outreach initiative to eyecare professionals in the United States. The board is comprised of professionals who have experience serving the needs of groups such as Hispanic-Americans, African-Americans and Asian-Americans. Transitions Optical works closely with board members to ensure the company's communications are culturally sensitive and appropriate. The board also oversees professional training and education, as well as bilingual and in-language patient education and resources.

Gallup Great Workplace Award

In March 2010, the Gallup organization announced that Transitions Optical had received its "Great Workplace Award," which honors companies whose employee engagement results in some of the most productive and engaged workforces in the world. Companies are judged on criteria including response rates, overall engagement levels and evidence of engagement impact on performance.

VALUING DIVERSITY

At PPG, valuing diversity means recognizing the differences and similarities between people, cultures, businesses and operations. Diversity is not only corporate policy at PPG, it is a key part of how the company maintains its edge in a competitive global marketplace.

PPG monitors its success in creating a truly diverse, global workforce with careful attention to its gender and other diversity components, retention of employees, and talent management. The company believes in embracing the broadest aspects of diversity including business approach or style, religious background, job function, nationality, sexual preference and language.

DIVERSITY LEADERSHIP COUNCIL

PPG's Diversity Leadership Council serves as the umbrella organization responsible for directing and advancing initiatives that drive the company's commitment to diversity. The council is supported by four organizations with similar missions, each focused on a specific segment of the PPG workforce:

- PPG's **Women's Leadership Council** seeks to promote an organizational environment that attracts and retains women and helps them contribute to the company's business success.
- PPG's **Minority Leadership Council** focuses on recruitment and retention of ethnic minorities through career and job fairs, networking events and mentorship programs.
- PPG's **Lesbian, Gay, Bisexual and Transgender (LGBT) Council**, established in 2010, assists in creating a corporate environment that recognizes and supports LGBT employees. It helps to foster a culture of inclusion across the company, to include sexual orientation in appropriate policies and practices, and to provide an internal network supporting LGBT employees. For example, through the council's efforts, beginning January 1, 2011, PPG is providing same-gender domestic partner benefits for U.S. salaried and non-union hourly employees. The same-gender partners of these employees, and their eligible child dependents, are eligible to enroll in PPG's health care, dental and vision plans.
- The **EMEA Diversity Council** fosters a more diverse workforce across PPG's Europe, Middle East and Africa region. Together with corporate leadership, an EMEA diversity team is assisting the company's businesses with promoting the benefits of a more diverse workforce and providing help in setting goals and tracking progress.

Employees and the Workplace ... continued

EMPLOYEE ENGAGEMENT

Educating Employees

Throughout PPG, employee engagement starts with education. For example, when the Europe, Middle East and Africa (EMEA) region grew from approximately 7,000 to about 17,000 employees from 2007 to 2008, the company developed a regional training academy. The **EMEA Training and Development Academy**, established in 2009, consolidates the region's training offerings and spearheads the development of new courses and educational content.

The academy maintains a website that includes the EMEA training catalog, as well as access to a wide range of tools and links to other relevant training and education programs. The **PPG Asia/Pacific Academy**, founded in 2007, provides a framework to encourage learning and development by PPG employees across that region. It offers a variety of programs that include technical courses and offerings on leadership and management development and covers personal development and function-specific issues.

The screenshot shows the 'HR for MANAGERS' website. At the top, there's a navigation bar with links: Hiring & Selection, Talent Management, Compensation & Reward, Conflict Management, and Employment Relations. The main heading is 'HR for MANAGERS'. Below it, there's a section titled 'Who is it for?' with bullet points: 'All PPG Managers and Supervisors who would like to learn more about the practicalities of managing a team in PPG.' and 'The course offers the opportunity to learn about and practise, through examples, discussions and case studies, how to complete some of the activities you need to carry out as a manager at PPG.' To the right, there's a section titled 'How do I find out more?' with bullet points: 'Log onto the PPG intranet and go to My Learning Connection', 'Speak to the UK Training & Development Team', 'Sarah Day: sday@ppg.com • 01440 773388', 'Barry Hinsley: barry.hinsley@ppg.com • 01924 354880', and 'Your local HR manager'. At the bottom, there's a photo of a group of people sitting at a table, looking at laptops.

Employees have access to personalized learning and career development at the company's **My Learning Connection** site, which helps employees to identify customized skills-development options tied to PPG's Performance and Learning Plan. Employees choose their preferred learning style – from instructor-led training to self-paced online courses, webinar simulations and recommended readings. The curricula are developed by leading internal and external subject experts, and new topics are continually introduced. Among the most popular offerings are "Supply Chain Fundamentals," "Supervisory Skills," "Presentation Skills," "Time Management," "Finance Basics," "Business Strategy Execution" and "Managing Change."

PPG provides performance feedback to salaried and plant employees based on specific key performance indicators relevant to their functions. Opportunities for career development guidance are also offered.

Hundreds of PPG scientists from dozens of countries and virtually every PPG location around the world can participate in online, virtual classrooms through webinars. The 90-minute webinars are conducted twice the same day – once early in the Eastern Time zone to accommodate North American, Latin American and European researchers, and again later in the day to accommodate those in the Asia/Pacific region (about 12 hours ahead). Highly technical coatings-related topics include technologies regarding corrosion protection, powder coatings, pigment dispersion, molecular modeling and high-throughput analysis. Many modules are translated into multiple languages.



FOCUS ON SAFETY AND HEALTH

PPG regards safety and health as its primary commitments to employees throughout all of its operations around the globe. To maintain high levels of awareness and compliance, training around safety issues is continuous across the company.

To that end, 35 percent of PPG's course offerings in 2010 were devoted to global, regional and local safety and health training, with nearly 50,000 enrollments in courses offered in 13 different languages.

Promoting a Culture of Health and Wellness

PPG is committed to providing easy access for all employees to the health information they need, as well as the tools and programs that will make a difference in promoting wellness and addressing any health issues. To that end, in 2010, PPG created its **Culture of Health** initiative, which provides PPG employees, retirees and their families with information to help them make informed decisions about nutrition, exercise and disease prevention.

The core topics of the program are critical to good health: nutrition, exercise, health screenings and stress management. These are in turn supported by PPG's 10 Keys to a Healthier Lifestyle, which focus on actions that are scientifically proven to have a positive impact on health.

In 2010, PPG organized 71 local health promotion teams to support these company initiatives. In North America, annual basic health screenings held in 2010 received 31 percent voluntary employee participation, up from 5.5 percent in 2005.

Through PPG's education, training and risk-control programs, the company helps to provide employees with the tools to be informed about and manage issues such as blood pressure, smoking, cancer screening, immunizations, cholesterol, fitness, bone and muscle health, stress and depression.

ITALY



CHINA



SWITZERLAND



UNITED KINGDOM



CZECH REPUBLIC



UNITED STATES



Employees and the Workplace ... *continued*

Shao Liqiang at PPG's packaging coatings plant in Suzhou, China, carefully adds raw materials to the coatings manufacturing process.



PPG presents an annual **Safety and Health Award** to operational sites that have achieved the highest levels of safety. Two high-performing facilities are among those that have been recognized. PPG's powder coatings plant in Felizzano, Italy, not only achieved an injury and illness rate of zero in 2009, but it has done so for five of the last seven years. In 2009, PPG's packaging coatings plant in Suzhou, China, achieved an injury and illness rate of zero for the second consecutive year.



Francesco Arcadi, laboratory technician, conducts a paint test at Felizzano, Italy. Spray booths such as this one capture excess paint spray and protect employees from exposure.

Global Health Risk Assessment

PPG encourages all employees to participate in voluntary, confidential online health risk assessments to help identify specific health issues, develop personal improvement plans, and track progress toward achieving a healthy lifestyle. In the decade ending in 2010, 39,896 employees participated; 56,378 assessments were completed, and 9,160 participants returned for multiple follow-ups.

Global Health and Wellness Summits

Starting in North America in 2005, PPG has organized annual summits bringing together health promotion team coordinators from company worksites to discuss policies, processes and programs to foster a culture of health and wellness. In 2010, PPG held a health and wellness summit in Europe, and a summit is planned for Asia/Pacific in 2011, the first such events in these regions.

Occupational Safety and Health

PPG has seen dramatic safety improvements in recent years as a result of setting aggressive goals and implementing stringent daily processes. In 2000, PPG applied Sigma Logic® methodology to establish a global safety and health metric known as the PPG Injury and Illness Rate. This unique system for tracking injuries provides a consistent way to measure performance. Since 2000, PPG has reduced its injury and illness rate by 70 percent through 2010, far exceeding internal improvement goals. In 2009, the company established new goals for the 2009–2013 period that expand on its previous plan.

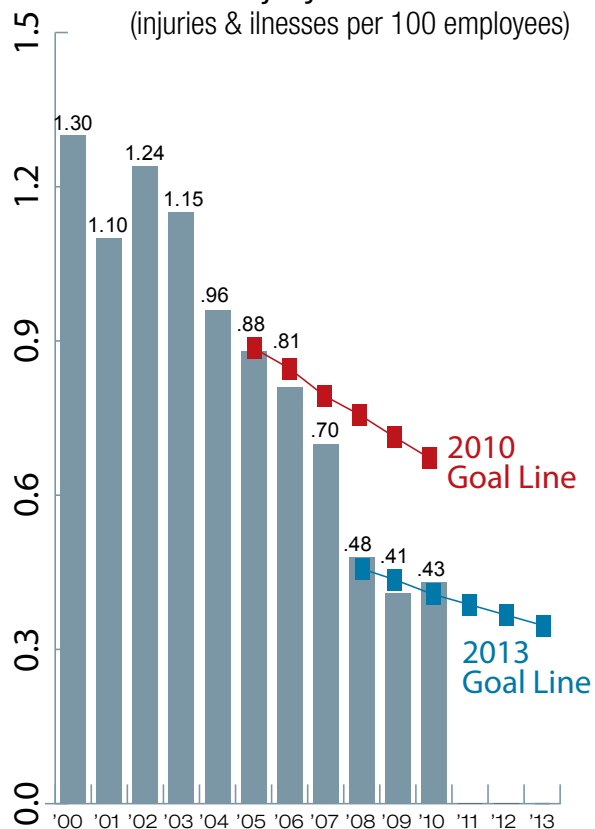
PPG estimates that its risk-reduction efforts since 1999 have prevented more than 2,400 PPG injury and illness cases globally.

Unfortunately, PPG experienced two fatalities in 2010 – one in Russia and the other in South Africa. Both employees were members of PPG sales organizations and were killed in vehicle accidents.

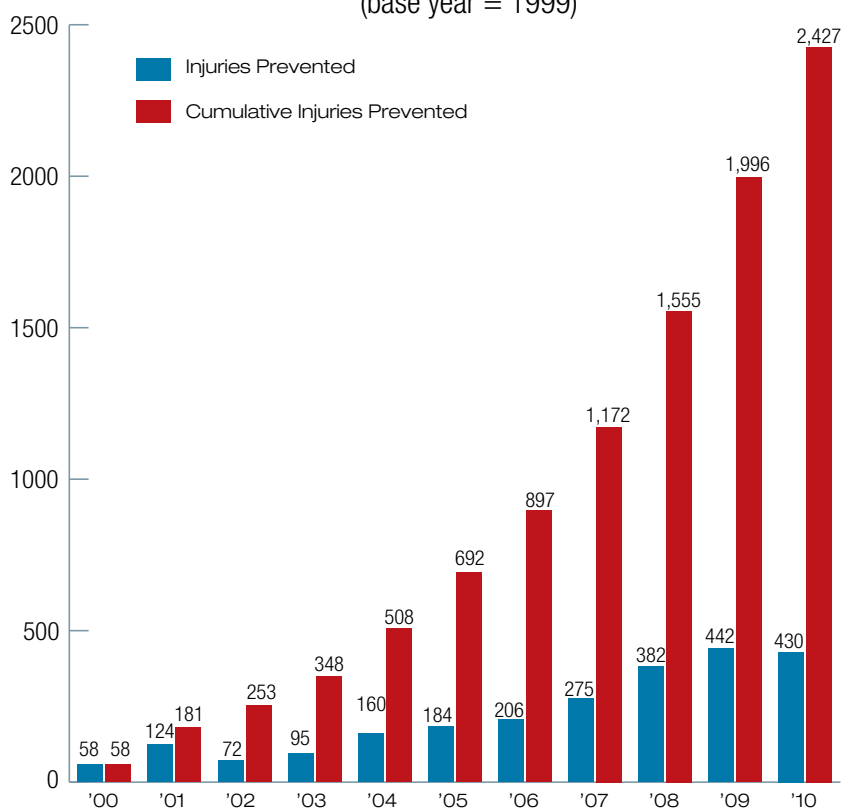


PPG produces an array of automotive coatings at the Tianjin, China, coatings plant, its largest manufacturing plant in Asia. Du Qing Zhu, lead hand for the automotive cell, makes a check on the production floor.

PPG Injury & Illness Rate
(injuries & illnesses per 100 employees)



PPG Total Corporate Injuries & Illnesses Prevented
(base year = 1999)



Employees and the Workplace ... continued

Ergonomics

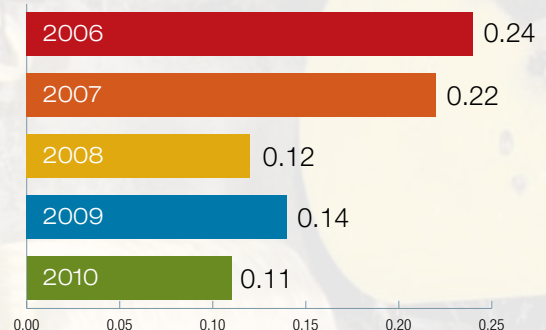
PPG has actively used the science of ergonomics to reduce the risk of injuries and illness related to interface of its employees with machines and materials since the early to mid-1980s. Ergonomics is the fitting of products, tasks and environments to people in order to reduce the risk of employees developing musculoskeletal disorders. PPG analyzes existing manufacturing systems and job tasks and implements appropriate design changes and other control measures to reduce the risk of future injuries and to enhance productivity and quality. Effective ergonomics principles are now routinely considered for all new equipment and workplaces.

Since 1989, more than 1,100 PPG employees have completed intensive off-site, multiday ergonomics training courses. Upon completing the course, trained employees facilitate their local ergonomics programs and, in turn, conduct ergonomics training for all personnel at their facilities. In addition, nearly 1,300 employees that are members of plant ergonomic improvement teams across PPG's global network have been trained at workshops at the facilities where they are employed. PPG is currently implementing a global software package as a standard risk-assessment and ergonomic problem-solving tool.

Through the application of effective ergonomic principles, PPG has reduced the number of ergonomically-related injuries and illnesses by 77 percent, from 0.47 cases per hundred workers in 2002 to only 0.11 cases per hundred workers in 2010.

PPG Ergonomic Injury Rate

(ergonomically-related injuries and illnesses per 100 employees)



Martin Hewitt uses a lift to doff a 20-kilogram fiber glass package from a winder at the Wigan, England, UK, fiber glass plant.



Abenasser Amenkour monitors the filling of containers at PPG's Uithoorn, Netherlands, coatings facility.




Starphire® glass by PPG will be the signature element in the 185-foot-tall walls encasing the first 13 floors of Tower One in the new World Trade Center in New York City, N.Y., USA – nicknamed "Freedom Tower." Under construction in lower Manhattan, more than 200 sheets of Starphire glass will be used in constructing the high-rise building.

This rendering shows how the new One World Trade Center will appear.



Community Involvement and Social Performance



PPG seeks to enhance the quality of life wherever the company has a presence throughout the world. Through its corporate foundation and a wide range of local giving and volunteer programs, PPG provides support to projects that reflect the interests and values of the company and its employees. The company assesses the effects it has on the communities in which it operates, as well as the needs it can help meet.

INVOLVEMENT FROM THE BOARD ROOM TO THE FRONT LINE


As part of its mission to engage with the communities where its employees live and work, PPG encourages employees' volunteerism, including executives' involvement, with nonprofit organizations. In 2010, members of PPG's Operating Committee, including the CEO, served on more than a dozen nonprofit boards throughout the United States. These include the boards of Carnegie Science Center, Kettering University, Miami University's School of Business,

Prevent Blindness America and the Pittsburgh Cultural Trust. Numerous other PPG employees also serve on boards of regional chapters of organizations such as United Way and Junior Achievement and volunteer their time and energy in support of projects that benefit their communities.

For the last 60 years, the PPG Industries Foundation has supported efforts that advance education, human services, culture and arts, and civic and community affairs in PPG communities. In 2010, PPG committed to expanding its charitable contributions' global reach and geographic participation by dedicating an additional \$500,000 to support projects in the Asia/Pacific and Europe, Middle East and Africa (EMEA) regions. A Global Distribution Committee will manage these funds at the corporate level, and it will direct resources based on local priorities and areas where organizations can have the greatest impact.

ADDRESSING THE NEEDS OF COMMUNITIES

As a global company, PPG constantly looks for ways in which it can contribute to improving the quality of life for the world's people. Here are examples of successful projects and recognition achieved recently across the PPG global network.



PPG's Lake Charles, La., USA, Facility Is Partner in Education

Since 1995, PPG's "Naturelab – Classroom in the Woods" in southwest Louisiana, USA, near the company's Lake Charles facility has provided environmental education and research in addition to the protection and promotion of wildlife populations. Located in the middle of a 200-acre wooded tract, the Naturelab "barn" is the control center for environmental education. Today, the site features several hiking trails that allow students in grades K-12 to access various microsystems and to study biodiversity, water quality criteria and flora/fauna identification.

Supporting United Way in the Pittsburgh Region

More than 240 PPG employees, friends and family members in the Pittsburgh, Pa., USA, area volunteered for United Way's Day of Caring 2010. Day of Caring matched volunteers with 12 nonprofit organizations throughout the region on projects such as painting; cleaning up lots and buildings; general maintenance; building playgrounds; and providing companionship to children and older adults. PPG's architectural coatings business continued its decade-long practice of supplying paint to United Way by donating more than 2,866 gallons of interior and exterior paint used in Day of Caring efforts.

PPG Industries Foundation also contributes to local United Ways in the United States. Supporting communities where PPG has a major presence across the nation, PPG Industries Foundation has contributed more than \$800,000 to local United Ways.



Community Involvement and Social Performance

... continued



Milan, Italy, Plant Donates Motor Pump

In 2010, PPG's Milan, Italy, automotive refinish coatings plant donated a motor pump to the Fire Brigade Headquarters in Milan for transport to the Lacor Hospital in Gulu, Uganda. The pump will be used to supply running water for fire prevention and drinking water from local wells.

Assisting the Regional Center for Autism in Slovakia

Since 2006, PPG in Slovakia has responded to the special educational needs of people with autism in the Zilina region and provided support to their families through the Regional Center for Autism. The center accommodates 23 children with autism in a private elementary school – the only one of its kind in Slovakia – and, in addition, offers day care and special counseling for those with autism from preschool age to adulthood.

Promoting Healthy Sight for Life Across America

In 2010, Transitions Optical partnered with Bess the Book Bus, a mobile literacy outreach program that has been distributing children's books and hosting readings for underprivileged children since 2004. With help from Transitions in 2010, Bess the Book Bus distributed more than 65,000 books to more than 10,000 underprivileged children in 37 states, while educating children, parents and teachers about the important connection between healthy vision and reading and learning.

Shelby, N.C., USA, Plant Hosts Five-Day Healthy Harvest

Employees at the PPG fiber glass plant in Shelby, N.C., USA, shared their homegrown produce with co-workers during the "Five-Day Healthy Harvest." In 2010, about 30 employees participated, distributing healthy fruits and vegetables to co-workers and their families.



PPG aided efforts to stop a cholera outbreak following the 2010 devastating earthquake in Haiti by partnering with Grove City, Pa., USA-based Deep Springs International. PPG donated Accu-Tab® chlorination systems and more than 2,750 pounds of Accu-Tab tablets for use in 50 chlorinators to serve communities in the cholera-affected Artibonite Valley in Haiti.





Green Coatings for Tianjin, China, Apartment for the Aging

In 2010, PPG's coatings facility in Tianjin, China, pledged to cover all costs for interior decoration of the Tianjin First Apartment for the Aging, including the donation of environmentally-responsible wood coatings, to help improve living conditions for the elderly residents.

Winter Supplies for Wuhu, China, Welfare Institute

Employees at PPG's automotive coatings manufacturing facility in Wuhu, China, donated winter supplies such as solar water heaters and heavy clothing to help the Wuhu Institute of Children's Welfare provide care for local disabled children. A volunteer day was held at the institute in late November 2010, with more than 30 people from the PPG Wuhu plant in attendance.

Trilak® Paints Plant, Budapest, Hungary, Aids Flood Victims

In 2010, floods and mudslides devastated property and lives in Hungary. Working with the charitable organization Caritas, the PPG coatings plant in Budapest, Hungary, donated 50 pallets of paint to repair floodwater-damaged homes. The project helped restore the living conditions of more than 100 uninsured families in small cities nearby.

La Seigneurie® in Senegal Helps Teach Women Traditional Cooking and Protects the Environment

The La Seigneurie paints group of PPG in Senegal donated recycled metal packaging to FEEDA, an organization in the Thiès region of that country that supports and fosters the rights of women. FEEDA uses the material to teach women in Senegal how to make ovens from scrap metal. The metal ovens then enable households to save wood and money used for cooking.

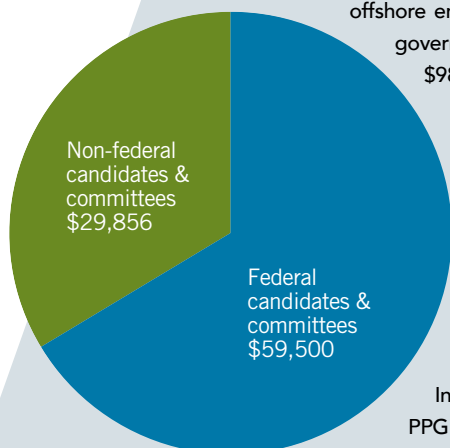


PARTICIPATING IN THE POLITICAL AND PUBLIC POLICY PROCESS

PPG believes in participating in the governmental processes in the nations and communities in which it operates. PPG supports policies related to "green" building, wind and solar energy, and the responsible exploration and development of onshore and offshore energy resources. PPG's commitment also includes participating in the political process, from engaging government officials to educating PPG employees. PPG's federal lobbying expenditures for 2010 were \$989,221.

PPG's Government Affairs team provides a variety of resources, such as posters, side-by-side candidate comparisons and employee lunch-and-learn events, to help inform employees about the political process and encourage them to vote. PPG Government Affairs provides nonpartisan information focused on candidates' positions on business policy issues, and it does not endorse candidates or tell employees how to vote. In the 2010 election year, the National Association of Manufacturers recognized PPG for its best practices in educating employees to become motivated participants in the political process and in efforts aimed at increasing voter turnout.

In addition, a political action committee (PAC) is fully funded by voluntary contributions from PPG employees and totals \$89,356. All contributions to various political candidates and parties are approved by a committee of PPG executives.



Community Involvement and Social Performance

... continued

PPG Industries Foundation

- GIVE Grants** – In 2010, the PPG Industries Foundation provided more than \$470,000 through the Grant Incentives for Volunteerism by PPG Employees and Retirees (GIVE) program to organizations in PPG communities throughout the United States. PPG's involvement extends beyond funding, with employees serving on organization boards, and employees and retirees serving as volunteers at these organizations within their communities. This in turn earns eligible organizations a \$500 GIVE grant if the PPG volunteer applies for one and a \$1,000 GIVE grant if the employee serves on the board of directors for the organization. A variety of U.S. community organizations benefited from GIVE grants in 2010, including organizations in Natrium, W. Va.; Cleveland, Ohio; and Lake Charles, La.



A Public Education Leadership Community (PELC) grant was awarded to fund a program for the first grade class at Cherryville Elementary School, near PPG's Shelby, N.C., USA, fiber glass facility.



- Pittsburgh Zoo & PPG Aquarium** – Through a 10-year grant, PPG and the PPG Industries Foundation provide funding to help sustain the zoo. Today, it has become one of the best zoological parks in the world, one of very few with a world-class aquarium, and one of the most popular family destinations in the Pittsburgh, Pa., USA, region. A variety of PPG products are utilized at the zoo, including Accu-Tab® tablet chlorination systems that keep the sea lion and beaver exhibits sparkling clean; PPG glass on the Tiger Encounter window; and PPG coatings in educational classrooms and new exhibits.

2010 FOUNDATION PROJECT HIGHLIGHTS

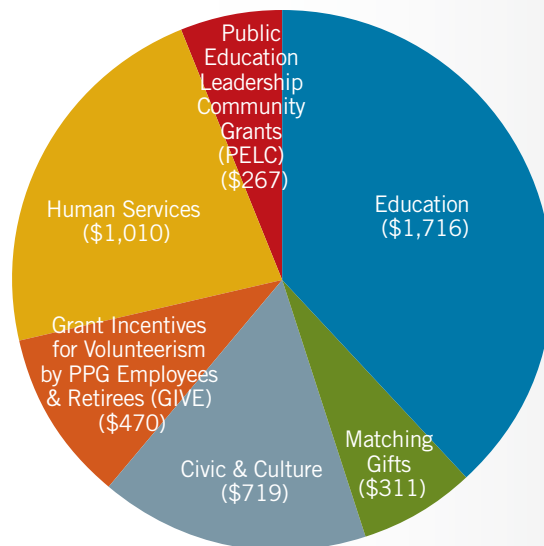
Examples of programs supported by the foundation in 2010 include the following:

- The YMCA of Metropolitan Milwaukee, Wis., USA, South Shore Center's SPLASH learn-to-swim program aimed at improving second-graders' water safety
- Creation of The Western Pennsylvania Conservancy's new membership video that will be used in conjunction with tours of Fallingwater, Frank Lloyd Wright's architectural masterpiece in Mill Run, Pa., USA – PPG Industries and the PPG Industries Foundation have contributed funds to this project, and several of PPG's businesses have facilitated the replacement and refurbishment of the glass and painted surfaces throughout Fallingwater.
- Support for Ronald McDonald House Charities of Pittsburgh's "Healing More Hearts, Expanding Our Home" program to meet the growing demand for housing services for the families of children receiving life-saving treatments at Pittsburgh hospitals
- Destination Cleveland County, N.C., USA, to support its Rhythm & Roots capital campaign, created with the help of longtime PPG Shelby, N.C., USA, fiber glass facility plant manager J.T. Scruggs, the nephew of country music legend Earl Scruggs.

PPG Industries Foundation 2010 Actual Expenditures

(in thousands)

TOTAL – \$4,493



The Dekoral® brand of PPG partnered with famous Polish artist Maciej Kot and the "Smile for Children Foundation" to transform the children's ward at a local hospital into a fairy tale come true. PPG donated Dekoral paint to help Kot put as much optimism as possible into what is usually a sad and gray place.

J.T. Scruggs, longtime PPG Shelby, N.C., USA, fiber glass facility plant manager, and former Shelby Plant Manager Tim Mathis both offered support for the local Rhythm & Roots campaign.



The YMCA of Metropolitan Milwaukee, Wis., USA, South Shore Center's SPLASH learn-to-swim program is aimed at improving second-graders' water safety.

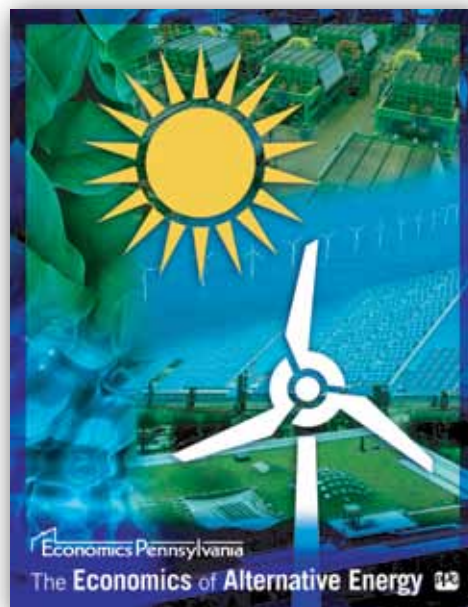
Community Involvement and Social Performance

... continued

FOCUS ON SCIENCE AND EDUCATION

Innovation is a core value at PPG. To help plant the seeds of innovation, PPG supports programs that broaden access to education and strengthen skills in science, engineering and technology.

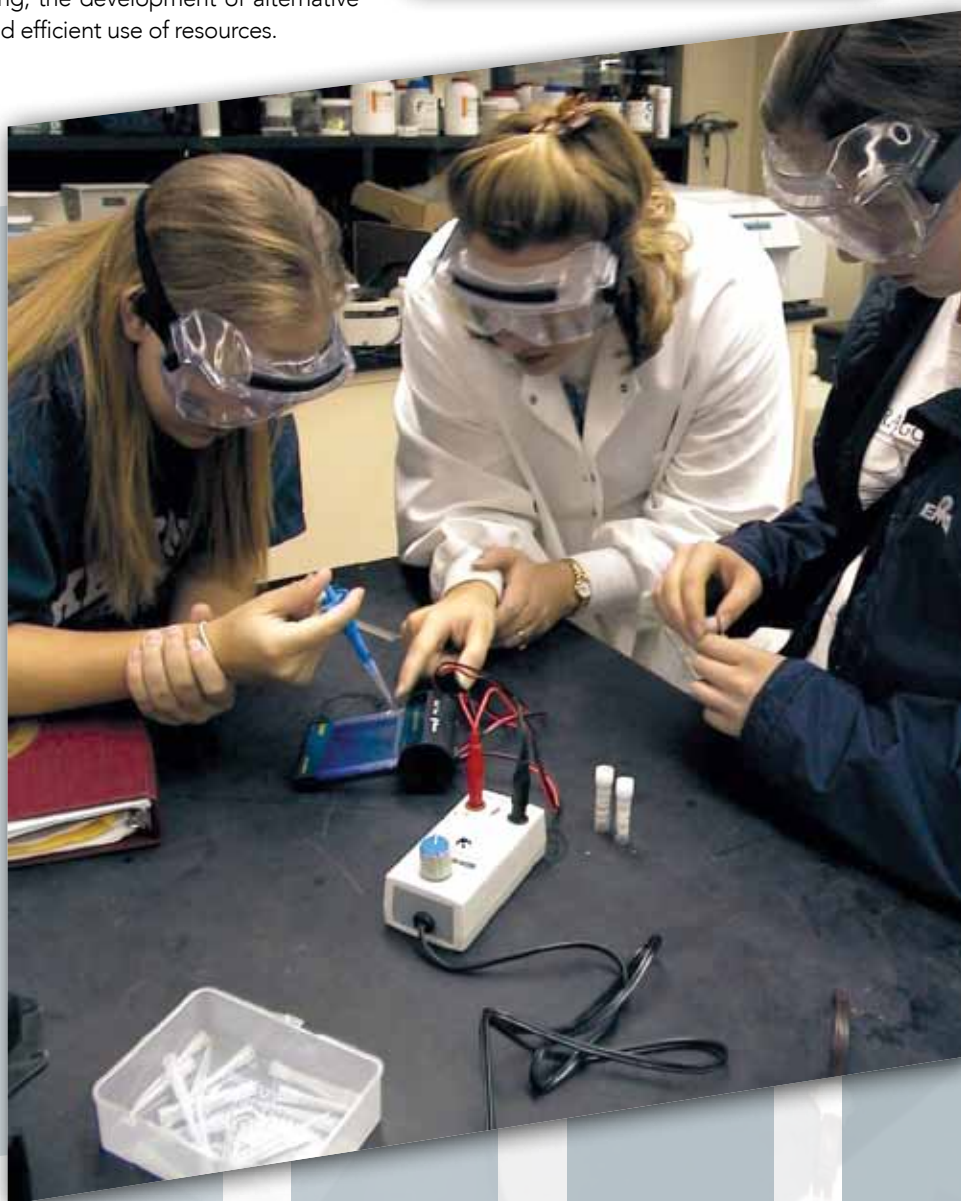
- In Lyon, France, PPG professionals who are also alumni of the ITECH Institute regularly volunteer for the school's ITECH Challenges® – an annual competition aimed at students, higher education institutions and industrialists. The competition brings these three groups together, putting their combined skills to work on innovative technology projects.
- In Wroclaw, Poland, PPG employees partner with Wroclaw University and Technical University to develop training programs for students and develop classes dedicated to environmental care topics.
- PPG Industries Foundation teamed with EconomicsPennsylvania, a not-for-profit economic education and financial literacy organization, to create a classroom curriculum called "The Economics of Alternative Energy." The program introduced the curriculum in Pennsylvania high schools in 2010, and it covers issues such as the costs of sourcing, the development of alternative generation methods, and the protection and efficient use of resources.



PROMOTING WOMEN IN SCIENCE

PPG provides foundation grants to a number of programs designed to foster girls' enthusiasm for science, engineering and technology and to help women succeed in completing degrees in these disciplines.

- The University of Akron's Women in Engineering summer camp programs for middle and high school girls
- GirlTalk Radio, an initiative of the Girls, Math and Science Partnership in conjunction with SLB Radio Productions, which gives girls aged 11 to 15 a chance to conduct, edit and broadcast interviews with emerging and established female mathematicians, scientists and engineers
- Kettering University's Lives Improve Through Engineering (LITE), a two-week residential program that introduces 11th-grade girls to what engineers do to improve people's lives



Participants in the PPG Adventures in Technology program in the Greater Detroit, Mich., USA, area



- In 2010, PPG Industries Foundation sponsored 70 new scholarships across the United States. Among these were 28 "Plant Community" scholarships; four "Merit Scholarships" for employees' children; 36 "Special Scholarships" for employees' children and two "National Achievement" scholarships for African-American students. Merit and Special Scholarship awards are based on National Merit Scholarship Qualifying Test scores and additional criteria. Students selected for the scholarships receive \$1,500 annually for four years.
- The American Chemical Society PPG Scholarships-Plus Program provides four-year, \$2,500 per-year scholarships to underrepresented-minority students who study chemistry or chemical engineering in college. The grant covers the scholarship and two mentoring training workshops at PPG facilities. A total of 125 minority students have benefited from the program since it was initiated in 1997.
- 2010 marked the second year of the PPG Adventures in Technology program in the Greater Detroit area with partner Catalyst Connection. The project is funded by a \$75,000 pledge from PPG Industries Foundation. By pairing high school students with local companies, the program aims to interest students in science, technology, engineering and math as well as careers in manufacturing. In 2010, students from Detroit Cristo Rey High School participating in the program teamed with PPG's automotive technology center in Troy, Mich., USA, on a 10-week project to determine the best color palette for a new hybrid/electric vehicle.

PPG Industries Foundation Five-Year Summary of Total Grants Paid

2010	\$4,492,855
2009	\$4,499,805
2008	\$5,242,154
2007	\$4,698,918
2006	\$5,283,744

Awards and Recognition

Following are illustrative examples of awards and recognition received by PPG since the publication of its 2008 Corporate Sustainability Report in April 2009.

AVIATION WEEK SUPPLIERS' INNOVATION CHALLENGE

PPG's aerospace business was honored in December 2010 for its ALTEOS™ Interactive Window Systems in the Suppliers' Innovation Challenge of *Aviation Week & Space Technology* and *Defense Technology* international magazines. The challenge recognizes and promotes groundbreaking work by suppliers in aerospace and defense. ALTEOS window systems provide controllable dimmable shading for aircraft passenger-cabin windows with electrochromic technology developed and manufactured by Gentex Corporation. The first electrochromic window shading systems for commercial aircraft, they are used on the Boeing 787 Dreamliner and Beechcraft King Air 350i aircraft.

2010 QATAR TODAY GREEN AWARDS.

Sigmacryl Ecoplus® paint by PPG, an environmentally-friendly paint with zero volatile organic compounds (VOCs), was given a runner-up award in the "Green Product or Service" category of the 2010 *Qatar Today* Green Awards. According to Antoine Lejuez, PPG marketing manager for Sigma in the Middle East, "Sigmacryl Ecoplus stands out in the 'green paints' sector as it combines superior sustainability, durability and performance."



Ryan Aspy, PPG market development manager, aerospace direct sales



Shown at an electrocoat inspection area at a Toyota manufacturing plant are (from left) David Janowiecki, paint specialist; Kim Masse, technical sales and service representative; and Chris Flener, site manager, PPG-Kansai Automotive Finishes.

2010 AUTOMOTIVE NEWS PACE AWARD FOR SUPER HIGH THROW ELECTROCOAT

PPG won a 2010 Automotive News PACE Award in the Product category, which recognizes innovations in new products, components or systems that have significant market impact and act as “game changers” in the automotive industry. PPG was recognized for its Super High Throw Electrocoat, which enables coatings to penetrate recessed, hard-to-reach areas and interior surfaces on a vehicle without leaving excess paint on the exterior surfaces. This innovation reduces weight and improves the efficiency of the electrocoat process.



GULFSTREAM 2009 SUPPLIER OF THE YEAR

The aerospace transparencies group and the Atlanta Application Support Center (ASC) of PPG’s aerospace business earned a 2009 Supplier of the Year award from Gulfstream Aerospace Corporation. Gulfstream presents the annual awards to suppliers scoring 100 percent on its supplier report card in all categories of total value chain cost, quality, reliability, delivery, and product and aftermarket support. From facilities in the United States and Italy, PPG supplies Gulfstream with high-solids topcoat and sealants, windshields, cockpit and passenger-cabin windows and various light lenses. Every Gulfstream aircraft since the Gulfstream I has flown with PPG transparencies.

NORTHROP GRUMMAN 2009 PLATINUM SOURCE PREFERRED SUPPLIERS AWARD

For the fourth time, PPG Aerospace’s Los Angeles, Calif., USA, and Atlanta, Ga., USA, ASCs in 2009 received the Northrop Grumman award, which recognizes companies for achieving distinction in product quality, on-time delivery, customer satisfaction and robust lean processes. The centers deliver transparencies, coatings, sealants and other value-added services for Northrop Grumman facilities worldwide.

Awards and Recognition ... continued

HONOR ROLL OF MULTINATIONAL CORPORATION'S CONTRIBUTIONS TO CHINA

In the 2009 "Honor Roll of Multinational Corporation's Contribution to China," PPG Industries was ranked 26th among the top 100 global enterprises by *China Enterprise News* and the China Enterprise CSR Research Center. The criteria for the recognition covers more than 10 categories, such as protecting the rights and interests of employment and employees, environmental protection, and energy saving and emissions reductions.



GOOD HOUSEKEEPING SEAL OF APPROVAL FOR OLYMPIC® BRAND PAINTS AND STAINS

In spring 2010, the entire *Olympic* Exterior Stains line of Maximum® sealants and stains, as well as *Olympic* Wood Protector sealants and stains, received the Good Housekeeping Seal, joining *Olympic* Paints, which has borne the seal since early 2009. First issued to products in 1909 by the Good Housekeeping Research Institute, the Good Housekeeping Seal is one of the most important and trusted guides in consumer buying.



Solar mirrors produced by PPG Flat Glass

U.S. CONCENTRATED SOLAR POWER INDUSTRY AWARDS – BEST APPLIED R&D FOR SOLARPHIRE® HVM GLASS

PPG was a finalist in 2010 in the category of best applied R&D for the first U.S. Concentrated Solar Power (CSP) Industry Awards, sponsored by CSP Today, an international organization devoted to promoting the development of concentrated solar power. The awards recognize excellence in the field of CSP innovation, competitiveness, applied research and development, dispatchability and technological innovation. PPG received the honor for developing *Solarphire* HVM solar mirror glass, a proprietary combination of three technologies that allow the glass to more effectively concentrate and collect solar energy. *Solarphire* HVM glass enables CSP plants to generate more power at less cost.

2010 RIDLER AWARD FOR CUSTOM AUTOMOTIVE DESIGN EXCELLENCE

"Gold Digger," a stunning 1933 Ford Phaeton sporting a gleaming gold finish by PPG's automotive refinish business, won the Ridler Award in 2010. The award is regarded as the ultimate recognition of custom design excellence and is presented annually at the Detroit Autorama.

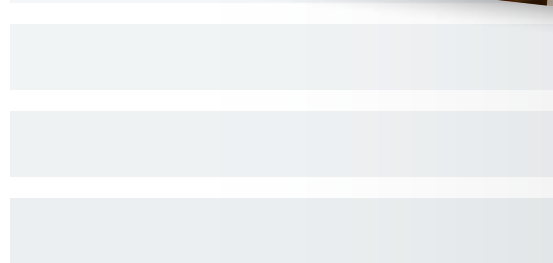
TOP "GREEN" GLASS SUPPLIER – DOOR & WINDOW MANUFACTURER MAGAZINE

PPG received one of *Door & Window Manufacturer* magazine's first annual "green" awards after being voted the industry's top "green" glass supplier by readers. Of the winners, the magazine wrote, "While these companies have made huge strides [toward environmental sustainability], all are committed to further reducing their company's impact on the environment."

RECOGNITION FOR CORPORATE SOCIAL RESPONSIBILITY IN CHINA

PPG was honored at the 2010 China Social Responsibility Annual Forum in Beijing as a recipient of the CSR (Corporate Social Responsibility) Award Special Prize, chosen from among more than 1,000 submissions. The recognition focused on the "PPG Care Library Project," launched in September 2009 to help rebuild 50 libraries and provide more than 150,000 books and environmentally responsible coatings to schools in Zitong County, an earthquake-devastated part of Sichuan Province.

All together, more than 500 PPG employees representing seven PPG locations in the Asia/Pacific region participated in 11 CSR projects in 2010. The projects provided nearly \$100,000 in contributions to communities in this region.



BOUNDARY AND SCOPE OF REPORT

This report describes the programs and performance of PPG Industries and its businesses and subsidiaries as they relate to the company's sustainability practices. PPG's 2010 Corporate Sustainability Report includes environmental data from more than 180 facilities in 45 countries on six continents. PPG maintains at least 50 percent ownership in all reporting facilities. Joint venture facilities in which PPG owns 50 percent or less are not reflected in data reported. Environmental, health and safety data reports activity of corporate, manufacturing, and research and development facilities. PPG has attempted to be as accurate and as inclusive as possible of all its operations in compiling the metrics reflected in this report. Due to the breadth of the organization, however, some measurements, such as environmental and training metrics, may not reflect the activity of every PPG facility worldwide.

All measurements are in English units unless otherwise indicated. Energy intensity is calculated in number of million BTUs per short ton of product manufactured. Financial information is reported in U.S. dollars.

PPG's goal for this report is to provide an accurate account of economic, social and environmental performance in the areas that are most relevant to its business and stakeholders. Using the Global Reporting Initiative's (GRI) G3 Guidelines and based on feedback from stakeholder engagement, we report on indicators that are important to our stakeholders and to our business. In 2010, there were no material changes in reporting entities to note.

PPG self-declares that this report meets GRI G3 Application Level B requirements. The information in this report can also be accessed online at www.ppg.com. PPG intends to publish an interim update for this report in 2012, which will reflect the company's performance in 2011. PPG is considering external assurance for its next full report, scheduled to be published in 2013, which will report on performance in 2012.

The company encourages stakeholder feedback to assess the usefulness of this report and to provide suggestions regarding the content of future reports. To provide feedback or request additional information, contact PPG Industries at One PPG Place, Pittsburgh, PA 15272, Attention: Corporate Communications.

GRI INDEX: The GRI Index below was edited for space. For a full index of GRI content, please visit www.ppg.com.

PROFILE DISCLOSURES					
Strategy and Analysis					
1.1	Statement from the most senior decision-maker of the organization.	1	4.5	Linkage between compensation and performance for members of the highest governance body and executive management, senior managers, and executives (including departure arrangements), and the organization's performance (including social and environmental performance).	11
1.2	Description of key impacts, risks, and opportunities.	1	4.6	Processes in place for the highest governance body to ensure conflicts of interest are avoided.	**
Organization Profile			4.7	Process for determining the qualifications and expertise of the members of the highest governance body for guiding the organization's strategy on economic, environmental, and social topics.	**
2.1	Name of the organization.	2	4.8	Internally developed statements of mission or values, codes of conduct, and principles relevant to economic, environmental, and social performance and the status of their implementation.	8-9
2.2	Primary brands, products, and/or services.	2	4.9	Procedures of the highest governance body for overseeing the organization's identification and management of economic, environmental, and social performance, including relevant risks and opportunities, and adherence or compliance with internationally agreed standards, codes of conduct, and principles (include frequency with which the highest governance body assesses sustainability performance.)	**
2.3	Operational structure of the organization, including main divisions, operating companies, subsidiaries, and joint ventures.	2	4.10	Processes for evaluating the highest governance body's own performance, particularly with respect to economic, environmental, and social performance.	11
2.4	Location of organization's headquarters.	2	Commitments to External Initiatives		
2.5	Number of countries and names where the organization operates.	2	4.11	Explanation of whether and how the precautionary approach or principle is addressed by the organization.	NA
2.6	Nature of ownership and legal form.	2	4.12	Externally developed economic, environmental, and social charters, principles, or other initiatives to which the organization subscribes or endorses.	20, 25, 28
2.7	Markets served.	2	4.13	Memberships in associations (such as industry associations) and/or national/international advocacy organizations in which the organization:	13
2.8	Scale of the reporting organization, including: number of employees; net sales (for private sector organizations) or net revenues (for public sector organizations); total capitalization broken down in terms of debt and equity (for private sector organizations); and quantity of products or services provided.	2, 16	<ul style="list-style-type: none"> Has positions in governance bodies; Participates in projects or committees; Provides substantive funding beyond routine membership dues; or Views membership as strategic. 		
2.9	Significant changes during the reporting period regarding size, structure, or ownership including: the location of, or changes in operations, including facility openings, closings, and expansions; and changes in the share capital structure and other capital formation, maintenance, and alteration operations (for private sector organizations).	17	Stakeholder Engagement		
2.10	Awards received in the reporting period.	50-53	4.14	List of stakeholder groups engaged by the organization.	4
Report Parameter			4.15	Basis for identification and selection of stakeholders with whom to engage.	4
Report Profile			4.16	Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group.	4
3.1	Reporting period (e.g., fiscal/calendar year) for information provided.	1	4.17	Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting.	5
3.2	Date of most recent previous report (if any).	1	ECONOMIC INDICATORS		
3.3	Reporting cycle (annual, biennial, etc.)	1, 54	Disclosure on management approach		
3.4	Contact point for questions regarding the report or its contents.	54	EC1	Economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments. *	1, 16
Report Scope and Boundary			EC2	Financial implications and other risks and opportunities for the organization's activities due to climate change.	1, 24
3.5	Process for defining report content, including:	4, 54	EC3	Coverage of the organization's defined benefit plan obligations.	34
<ul style="list-style-type: none"> Determining materiality; Prioritizing topics within the report; and Identifying stakeholders the organization expects to use the report. 			EC4	Significant financial assistance received from government.	27
3.6	Boundary of the report (e.g., countries, divisions, subsidiaries, leased facilities, joint ventures, suppliers).	54	ENVIRONMENT INDICATORS		
3.7	State any specific limitations on the scope or boundary of the report.	54	Disclosure on management approach		
3.8	Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations, and other entities that can significantly affect comparability from period to period and/or between organizations, etc.	54	Energy		
3.9	Data measurement techniques and the bases of calculations, including assumptions and techniques underlying estimations applied to the compilation of the indicators and other information in the report.	54	EN3	Direct energy consumption by primary energy source.	30
3.10	Explanation of the effect of any restatements of information provided in earlier reports, and the reasons for such restatement (e.g., mergers/acquisitions, change of base years/periods, nature of business, measurement methods).	NA	EN4	Indirect energy consumption by primary source.	30
3.11	Significant changes from previous reporting periods in the scope, boundary, or measurement methods applied in the report.	NA	EN6	Initiatives to provide energy-efficient or renewable energy based products and services, and reductions in energy requirements as a result of these initiatives.	23-27
GRI Context Index			EN7	Initiatives to reduce indirect energy consumption and reductions achieved. *	25-27, 30, 32
3.12	Table identifying the location of the Standard Disclosures in the report.	54	Water		
Assurance			EN8	Total water withdrawal by source. *	31
3.13	Policy and current practice with regard to seeking external assurance for the report.	54	Biodiversity		
Governance			EN13	Habitats protected or restored.	28, 29
4.1	Governance structure of the organization, including committees under the highest governance body responsible for specific tasks, such as setting strategy or organizational oversight.	10	Emissions, Effluents, and Waste		
4.2	Indicate whether the Chair of the highest governance body is also an executive officer. (and, if so, their function within the organization's management and the reasons for this arrangement).	10	EN16	Total direct and indirect greenhouse gas emissions by weight.	30
4.3	For organizations that have a unitary board structure, state the number of members of the highest governance body that are independent and/or non-executive members.	10			
4.4	Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body.	**			
			EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved.	27, 32
			EN19	Emissions of ozone-depleting substances by weight.	32
			EN20	NOx, SOx, and other significant air emissions by type and weight.	32
			EN21	Total water discharge by quality and destination. *	31
			EN22	Total weight of waste by type and disposal method.	33
			EN23	Total number and volume of significant spills.	33
			Products and Services		
			EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.	28
LABOR INDICATORS			Disclosure on management approach		
			Employment		
			LA1	Total workforce by employment type, employment contract, and region.	34*
			Labor/Management Relations		
			LA4	Percentage of employees covered by collective bargaining agreements.	34
			Occupational Health and Safety		
			LA7	Rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities by region.	38-40
			LA8	Education, training, counseling, prevention, and risk-control programs in place to assist workforce members, their families, or community members regarding serious diseases.	37-38
			Training and Education		
			LA11	Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings.	36
			LA12	Percentage of employees receiving regular performance and career development reviews. *	36
			Diversity and Equal Opportunity		
			LA13	Composition of governance bodies and breakdown of employees per category according to gender, age group, minority group membership, and other indicators of diversity. *	**
HUMAN RIGHTS INDICATORS			Disclosure on management approach		
			Employment		
			HR1	Percentage and total number of significant investment agreements that include human rights clauses or that have undergone human rights screening. *	9
			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. *	9
SOCIETY INDICATORS			Disclosure on management approach		
			Community		
			SO1	Nature, scope, and effectiveness of any programs and practices that assess and manage the impacts of operations on communities, including entering, operating, and exiting. *	42
			Public Policy		
			SO5	Public policy positions and participation in public policy development and lobbying.	45
			SO6	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.	45
PRODUCT RESPONSIBILITY			Disclosure on management approach		
			Customer Health and Safety		
			PR1	Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.	21
			PR2	Total number of incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services during their life cycle, by type of outcomes. *	23
			Products and Service Labeling		
			PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements. *	21, 28

* Indicates partial disclosure.

** www.ppg.com/corporategovernance

PPG's Board of Directors visited Colonna's Shipyard, Norfolk, Va., USA, in October 2010 to see a customer operation firsthand. Colonna's uses PPG products as part of its environmentally-responsible manufacturing operations.



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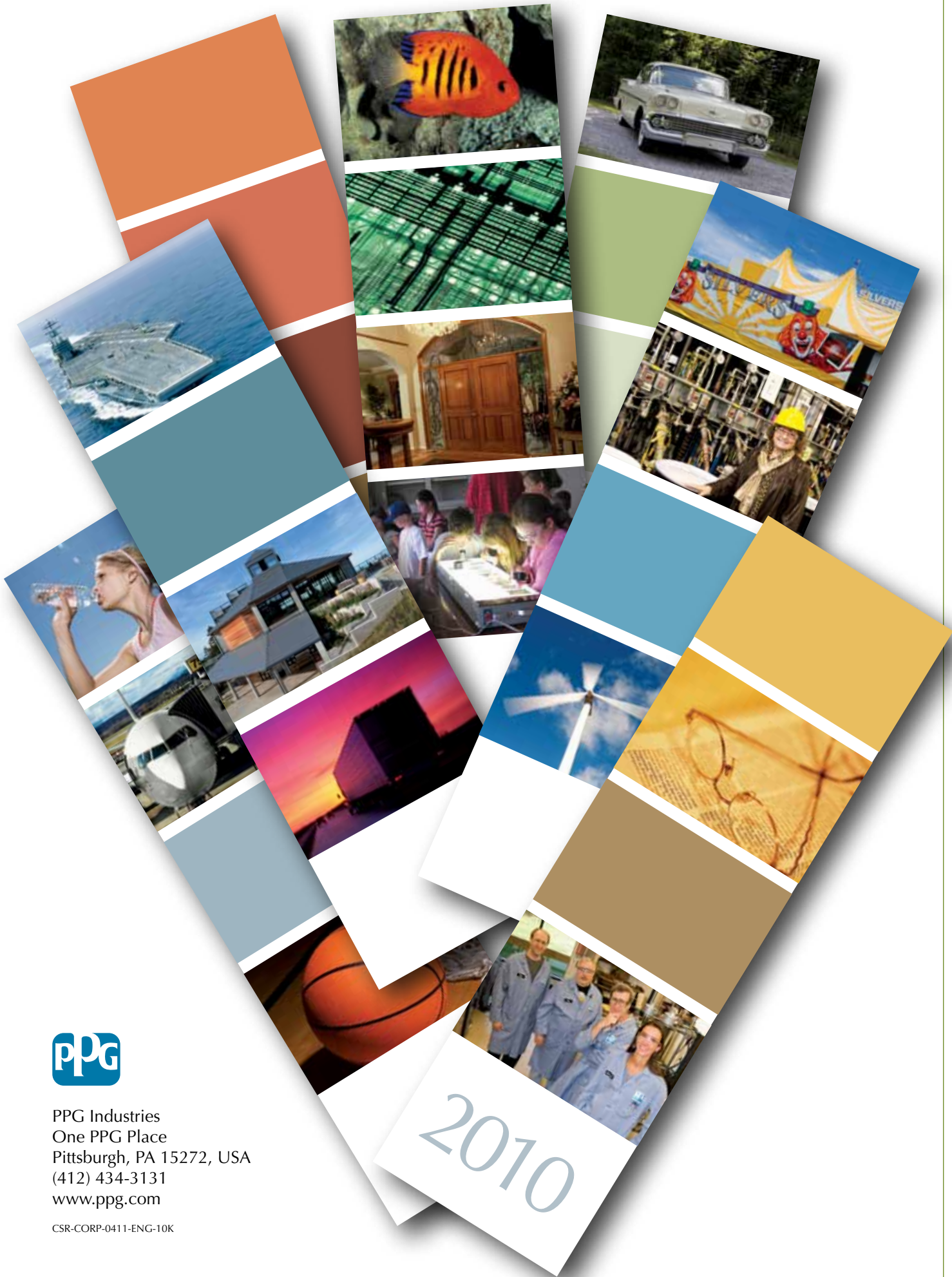
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