



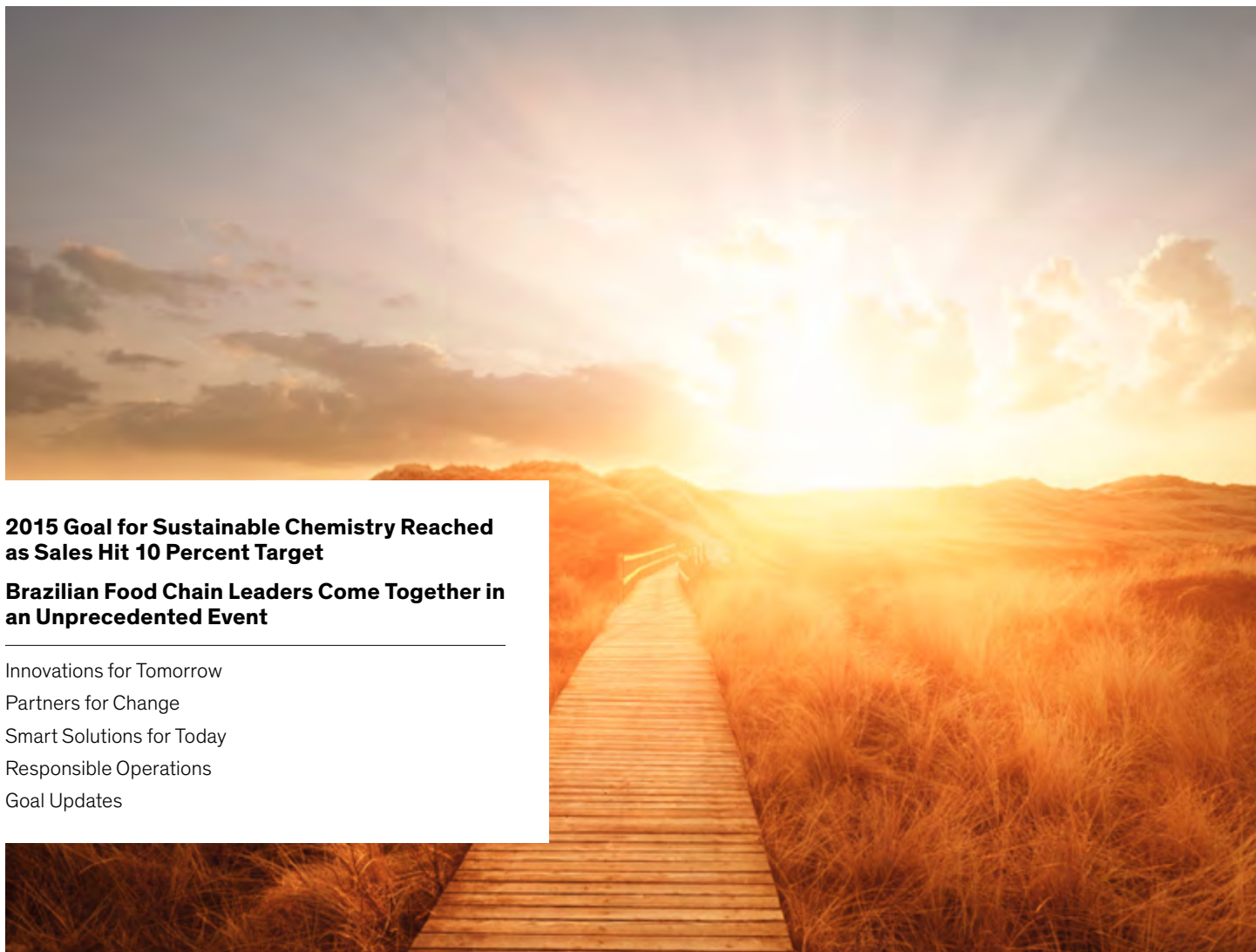
2015 Sustainability Goals

2Q 2014 Update

2015 Goal for Sustainable Chemistry Reached as Sales Hit 10 Percent Target

Brazilian Food Chain Leaders Come Together in an Unprecedented Event

Innovations for Tomorrow
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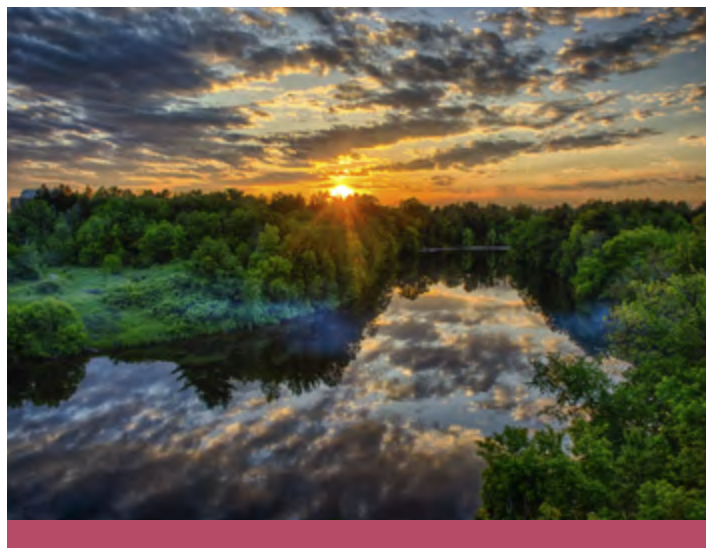
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2015 Goal for Sustainable Chemistry Reached as Sales Hit 10 Percent Target

Dow is proud to announce we have reached our 2015 Sustainability Goal target for sustainable chemistry!

2015 Goal

- Increase the percentage of sales to 10% for products that are Highly Advantaged by sustainable chemistry

As part of the Company's 2013 sustainability results, Dow delivered 10 percent of sales from products that are highly advantaged by sustainable chemistry. This is a significant achievement, as the aggressive 10 percent target required a significant improvement from a 2007 baseline of 1.7 percent. Across

the company, these solutions have brought sustainable chemistry to life, from improving manufacturing efficiency to applications targeting energy efficiency, waste reduction and healthier food options. Dow measures its percentage of sales "highly advantaged" by sustainable chemistry using the Sustainable Chemistry Index (SCI). The index was developed as a tool for tracking the relative sustainability performance of its global product portfolio, and for generating product sustainability awareness and life cycle insight. Comprising a set of sustainability-related questions, the SCI spans the full cradle-to-grave product life cycle; addresses environmental, social, and economic aspects; and highlights sustainability opportunities and risks associated with the Dow products.

The SCI is a powerful tool for catalyzing sustainability awareness, encouraging sustainability-driven innovation, and highlighting sustainability risk, all of which inform business strategies. Applied annually to the entire Dow product portfolio since 2007, the SCI has enabled the generation of a tremendous amount of detailed sustainability insight and has provided a directional sustainability indicator that is helping to position the company for success over the long term.

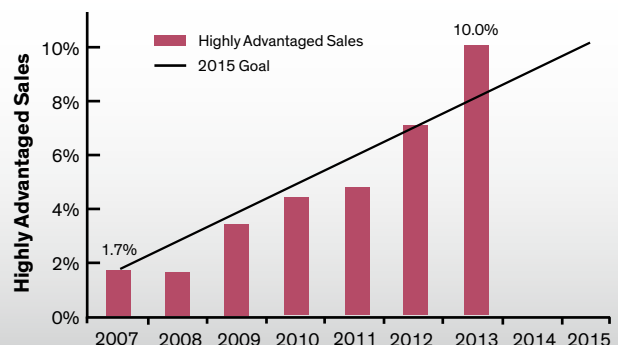
The Dow Sustainable Chemistry Index:

- Provides a snapshot of sustainability performance of the entire product portfolio
- Drives focus on key sustainability topics and megatrends
- Highlights sustainability benefits of existing products
- Identifies areas where businesses can improve sustainability performance
- Drives a sustainability and life cycle-focused mindset into the organization
- Defines the quantitative 2015 Sustainable Chemistry goal
- Is updated annually and reported externally

The Company's aggregated SCI increased from 20.4 to 24.4 since 2007. These accomplishments reflect the shift in Dow's portfolio towards products that deliver value to society based on their ability to address sustainability challenges like energy efficiency, food production and water scarcity. [Learn more.](#)



Highly Advantaged Sales



Brazilian Food Chain Leaders Come Together in an Unprecedented Event

There is tremendous value to be unleashed through collaboration, which can attract resources and drive innovation for Brazil to become a major food producer in the 21st century. In a recent summit themed “Sustainable Solutions for the Food Chain in Brazil: Feeding a Growing World,” discussions focused on the future of the global food chain and on the opportunities and challenges that Brazil faces as a major global food provider.

Over 200 top executives across all segments of the Brazilian food chain – including representatives from brand owners, producers, manufacturers, retailers, the cold storage chain, plastic packaging, industry associations and the government – participated in the event. Brazil’s minister of Agriculture, Livestock and Food Supply, Roberto Rodrigues, was the keynote speaker, providing his perspective and valuable data on the country’s productive potential.

A. N. Sreeram, Dow corporate vice president of Research & Development, delivered a keynote speech on Innovation in the Food Chain, citing examples of technologies that can help increase production for the global food market, such as packaging solutions, room sanitization with sustainable microbial control, and cold chain solutions, among others. Sreeram also introduced ENLIST™ Technology, an innovative solution developed by Dow AgroSciences for weed control. Howard Ungerleider, executive vice president of Dow Advanced Materials, delivered the closing speech, reinforcing Dow’s commitment to the Brazilian food market.

The event included a working forum, the Dow Supermarket gallery walk showing Dow solutions for the food chain, and breakout sessions focused on discussing opportunities to generate joint projects. Participants came away with a better understanding on how everyone across the Brazilian food chain, working together, can deliver sustainable solutions to the global challenge of feeding our growing world. [Learn more.](#)



Innovations for Tomorrow

We contribute to the sustainability of society and our planet by developing innovative technologies for current and future markets.

How to Drive the Sustainability Evolution

In a recent LinkedIn Influencer post, “How to Drive the Sustainability Evolution,” Andrew Liveris, president, chairman and chief executive officer of Dow, describes how viewing sustainability through the framework of the “Four Ds” can advance sustainable development around the world. Cultures, ecosystems, and problems vary, but regardless of geography, companies, countries and industries alike tend to evolve through the “Four Ds”: 1) Defiance, 2) Denial, 3) Debate and 4) Dialogue. To solve the formidable sustainability challenges faced by society, we all must realize that – wherever we are in the evolutionary process – the time has arrived to do. In time, the four Ds lead to the realization that sustainability is not an opt-in/opt-out exercise; it is a mandate, a key element of each organization’s license to operate, and a core part of each value proposition. As citizens, as businesspeople and as consumers, we have both the responsibility and the means to carry them forward. [Read more.](#)

Enlist Duo™ Herbicide Moves Toward Approval and Expanding Food Production

Enlist™ Technology from Dow AgroSciences has reached another milestone in the regulatory review process, as the U.S. Environmental Protection Agency announced its proposed decision to register Enlist Duo™ Herbicide. Enlist Duo Herbicide features Colex-D™ Weed Control System, which will provide farmers with key stewardship and user benefits, including minimized potential for physical drift, ultra-low volatility, reduced odor and better handling characteristics. Data from late last year showed that more than 86 percent of corn, soybean and cotton growers in the South and 61 percent in the Midwest reported hard to control weeds on their farms. The innovative product will help solve the weed-control challenges growers face today, further reduce the potential for development of herbicide-resistant weeds, and provide increased yields to feed a growing population. [Read more.](#)



Hamilton Appointed to International Olympic Committee Workgroup as Sustainability Expert



In another step to solidify Dow's position as a key sustainability partner of the International Olympic Committee (IOC), George Hamilton, vice president of Dow Olympic Operations, has been invited by IOC President Thomas Bach to join the newly-designated workgroup for the building of the “Olympic Agenda 2020,” a strategic roadmap for the future of the Olympic

Movement. The Olympic Agenda 2020 is one of Bach's main platforms for the IOC, aiming to shape the future of the Olympic Movement in an ever-changing world, with new challenges and opportunities for years to come. Fourteen working groups were formed as part of the Agenda 2020 effort, covering themes ranging from Ethics and the Youth Olympic Games to Good Governance and Bidding Procedures. Each group is made up of key stakeholders of the Olympic Movement, including IOC members, athletes and representatives of International Federations and National Olympic Committees. Only Dow and two other Worldwide Partners were invited to have representatives in the different workgroups, with Hamilton invited to join the “Sustainability and Legacy” group as a sustainability expert. Hamilton's invitation is a great honor and an undeniable recognition to Dow's legacy of sustainability for the Olympic Movement.



Progress Announced for Saudi Arabia Water Membrane Manufacturing Facility

Comprised of mostly desert terrain, the Kingdom of Saudi Arabia faces tremendous water scarcity, but its proximity to both the Red Sea and Arabian Gulf also make it the largest seawater desalination market in the world. To help address water scarcity in the Kingdom, Dow recently awarded Fluor Corporation the engineering, procurement and construction contract for its reverse osmosis (RO) manufacturing facility in the Kingdom of Saudi Arabia. Located in Jubail Industrial City II at the Sadara Chemical Company complex, the facility will manufacture high-tech RO elements that purify water for drinking and industrial uses. This will be the first Dow facility of its kind built outside the United States, with expected completion by the end of 2015. More than 100 jobs will be created at the facility, which will manufacture a range of RO products, including DOW FILMTEC™ Brackish Water RO Elements and Seawater RO Elements. The facility will supply the local Saudi Arabian market as well as the broader Middle East and Africa region and markets with similar critical water needs in Eastern Europe, India, China and South East Asia. The investment also complements activities at the Dow Research Center at King Abdullah University of Science and Technology (KAUST), where innovative research focuses specifically on RO solutions in combination with ultrafiltration pre-treatment for seawater desalination. [Read more.](#)

Energy Bag Plastics-to-Energy Pilot Program Ramps Up in California

Recently, Dow teamed up with the City of Citrus Heights, California, and local waste and recycling services provider Republic Services to kick off a three-month pilot program to increase public awareness on the benefits of converting non-recycled plastic waste to energy. The “Energy Bag” program aims to prove that resource recovery of non-recycled plastics is a viable municipal process that can achieve many positive long-term environmental and economic



results, including fewer tons of landfill trash, more local energy resources and less fossil energy dependence. The three-month program will encourage approximately 27,000 households in Citrus Heights to separately collect plastic items not currently eligible for recycling in the city. Energy Bags will be distributed to the pilot households to be used exclusively for collecting

these plastics. After each bi-weekly recycling collection during the summer, the Energy Bags will be sent to a materials-recovery facility, where the bags will be separated from other recyclables, and then sent to a pyrolysis facility, where the plastics will be converted to synthetic oil. U.S. Environmental Protection Agency statistics state that the country creates more than 250 million tons of trash each year, with more than half ending up in landfills. Recognizing California's strident landfill diversion mandate, the Energy Bag program hopes to offer one very attractive diversionary option – turning the non-recycled plastics into a valuable energy resource. [Click here](#) to view local media coverage from the Energy Bag launch event. [Read more.](#)

Kepler Speaks on Big Data and Sustainability at Wharton IGEL Conference

Dave Kepler, executive vice president, chief sustainability officer and chief information officer for Dow, was the keynote luncheon speaker at the recent conference entitled, “Sustainability in the Age of Big Data,” presented by The Initiative for Global Environmental Leadership (IGEL) at the Wharton School, University of Pennsylvania. The initiative “promotes knowledge for business sustainability” and “works with a diverse and interdisciplinary network to develop and disseminate innovative research and business practices to solve the most pressing environmental issues facing the planet.” The goal of the conference was to provide insight, research perspectives and solutions for organizations as they grapple with the power of data that has the capacity to dramatically change business and sustainability initiatives. The massive amounts of data around the sustainability space are beginning to be harnessed to deliver meaningful results to organizations' sustainability initiatives and tackle some of the world's most pressing environmental issues.

Ultrapure Water on its way to São Paulo Residents

Lack of clean water increases the risk of disease and negatively affects the quality of life in some São Paulo, Brazil communities. And low water levels in local reservoirs highlight the related issue of water scarcity. To overcome these challenges, Dow recently entered into a new collaboration with Sabesp, the water supply and sanitation company owned by the state of São Paulo, to install the first advanced treatment plant of its kind in Latin America to treat surface water for human consumption. The São Lourenço Water Treatment Station will use Dow technology that is able to remove 99.99 percent of pathogens and other water contaminants. DOW IntegraPac™ Ultrafiltration Modules will be installed and ready to operate in the second half of 2014. The innovative product offers a compact, modular solution with a simplified design that is ready to be assembled and easy to install. With an expected production capacity of 90 cubic meters of water per hour, the facility will benefit approximately 10,000 residents in the São Lourenço neighborhood, who will gain access to safe, clean drinking water. Dow is also working on a similar project in Indaiá, Brazil, to increase production by more than 8.5 million liters per day with reduced operational costs, physical space and environmental impact.

Cultivating the Next Generation of Sustainability Leaders

In a recent article published in *Ensia*, a magazine showcasing environmental solutions in action, Johanna Söderström, vice president, Human Resource Center of Expertise, and Neil Hawkins, corporate vice president, Sustainability, shared their views on cultivating the next generation of sustainability leaders. According to Söderström and Hawkins, “The rising trend of international corporate volunteerism gives leaders the real-life experience they need to face challenges and helps to create self-perpetuating sustainable businesses.” The article expands upon the emerging trend of fostering sustainability leadership by training future corporate leaders. These programs can be a win for society, for the environment and for corporations who embrace the approach.



The article leaves us with a provocative question, “What kind of world would we have if businesses were run by leaders who earned their stripes preventing the spread of malaria, feeding the hungry or bringing clean water to Africa? If we keep it up, we might just be able to find out.” [Read more.](#)

Partners for Change

We are leaders in advancing all aspects of sustainability, openly collaborating with customers, suppliers, communities, civil society and governments.

Bill Clinton Visits Colombian Community for Urban Agriculture Project

Former U.S. President Bill Clinton visited the community of Pasacaballos, Colombia, reaffirming the commitment of the Clinton Foundation to the "Urban Agriculture" project. The project



contributes to the income generation of Agricultural Association of Vereda Bajo del Tigre (Asotigre) and is an inclusive business model with technical assistance, business training and social support. Asotigre was formed by 35 farmers as a private-sector initiative with Dow serving as its main partner for local community programs. The contributions by Dow and others provided the necessary investments to develop 2.5 hectares of land for Urban Agriculture use. The project included propagation, planting, maintenance, harvesting and post-harvest within the parameters of the Good Agricultural Practices, with crops grown including cucumber, pumpkin, papaya and watermelon. As a result of a signed agreement with a distributor one year ago, Asotigre sold more than 1,800 kilograms of cucumbers between October 2013 and March 2014, representing \$1.6 million Colombian pesos in sales revenue to the association.

Are You Ready to Take the Recycle Rally Challenge?



To enhance the focus on recycling and encourage more people to participate in their local recycling program, Dow launched a new, 30-day recycling public awareness campaign and challenge called "Recycle Rally." Based on the idea that it takes 30 days to form a habit, Recycle Rally aims to educate and

inspire people to live more sustainable lives by improving their recycling efforts as part of their daily routine. Although many people are familiar with the benefits of recycling, most are not actively recycling. In 2012, Americans generated 251 million tons of trash, but only recycled 34.5 percent of their waste. The challenge will help people to rethink their current recycling habits and reduce the amount of waste headed to the landfill. Are you ready to take the challenge? Visit [Recycle Rally](#) to make a change that will positively impact the environment. [Read more.](#)

Collaboration for Agricultural Knowledge Exchange in Kenya

Assisting more than 200 million people in Africa who face food scarcity is part of a comprehensive initiative led by Dow AgroSciences. Recently, the Company and the Academic Model Providing Access to Healthcare (AMPATH), an Indiana University-led consortium, established a collaboration to fight hunger in Africa by providing local farmers with agricultural knowledge intended to improve their crop yields and ultimately quality of life. Dow AgroSciences is sending employees to Kenya for six-month assignments to work alongside AMPATH to enable agricultural progress in the region. LaRon Beemer, finance manager, is the first Dow AgroSciences employee to be based in Kenya and will serve there until November 2014. During his assignment, he will work with local farmers to help develop sustainable agricultural practices and identify further strategic areas for Dow AgroSciences to have the most impact with our collaboration efforts.

Jaipur Foot Initiative Wins 2014 da Vinci Award



Dow recently received the prestigious 2014 da Vinci Award in the Prosthetics/Orthotics/Controls category. The award recognizes the Jaipur Foot Initiative, the Company's marquee corporate citizenship program in India. Dow India began working with [Bhagwan Mahaveer](#)

[Viklang Sahayata Samiti](#) in 2005 to apply its science and technology expertise to develop the new polyurethane limb. The foot is more durable, flexible and offers greater mobility than its handmade, vulcanized predecessor, and is also 20 percent lighter, considerably quicker to make and 25 percent cheaper to produce. More than 36,000 amputees have been rehabilitated thanks to Dow's direct support through this program. The da Vinci Awards were created by the Michigan Chapter of the National Multiple Sclerosis society in 2001. To learn more about the impact of Dow's support of the Jaipur Foot Initiative, watch this [award-winning video](#). [Read more.](#)

STEMtheGAP™ Education Movement Launches at NSTA14

With over 10,000 STEM educators in attendance, the National Science Teacher Association (NSTA) conference in Boston provided the perfect opportunity for Dow to announce its STEMtheGAP™ education movement, which aims to create a community of sharing best practices, fostering collaboration and generating new ideas among teachers to build the United States position as a leader in Science, Technology, Engineering and Math (STEM). One component of the movement is the STEMtheGAP™ Teacher Challenge, a new Dow-sponsored grant program designed to create a two-way dialogue between Dow and STEM educators. Through the Challenge, K-12 teachers are asked to describe the biggest gaps in and opportunities for improving STEM education in America's classrooms. Judged by a panel of business leaders and educators from The Center for Science Teaching and Learning of Rockville Centre, New York, the Challenge rewards the best 100 ideas with a \$1,000 grant. During the three-day conference, 152 NSTA Dow Fellows were recognized for their participation in the New Science Teacher Academy, a year-long teacher development program designed by NSTA to better prepare young STEM educators for successful careers. Dow employees participated in numerous NSTA conference activities. [Read more.](#)

Cultivating Sustainability among Taiwan's Future Business Leaders



For the third year, Dow Taiwan sponsored a seminar on "Trends of Industrial Sustainable Innovations in Europe." At the seminar, master's-level students from the winning teams of the Sustainability Entrepreneurship Competition

presented their research findings from the recent Europe study trip. The competition is one of the signature corporate citizenship programs that Dow sponsors in Taiwan along with Taiwan National Chengchi University. During the competition, Dow Taiwan senior leaders not only act as mentors to help the students understand the core value of sustainable development and Dow's best practices in sustainability, but also act as judges with leaders from other Taiwan-based international companies. After three months of training, written examinations and final presentations, the winning teams of the competition obtained full sponsorship to a study trip in Europe, where they observed how the local businesses transformed their operations to be more sustainable.

Mountain Trail Conservation Makes Way for 360,000 in Korea

For the second year in a row, Dow Korea conducted its national park maintenance project, "One Company, One Trail," in cooperation with Korea National Park Service. This year, the Company chose Mt. Gyeryong National Park in Chungcheong Province and will lend its support to a program designed by the Korea National Park Service to protect the country's national parks. As a caretaker of the park, Dow Korea will be responsible for the maintenance and conservation of the mountain's 6.6-km trail that starts from Donghak Temple's Sejin Pavilion to the Gap Temple Information Center and is used by 360,000 mountain climbers. Dow Korea employees are actively leading cleanup activities to protect and preserve the trail.



AmCham Shanghai Corporate Social Responsibility Partnership Award

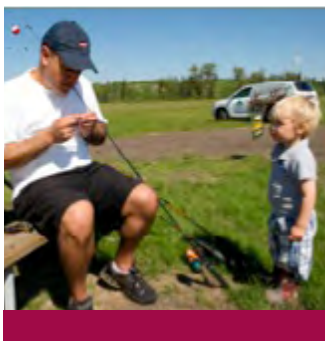
Dow recently received the AmCham Shanghai Corporate Social Responsibility Partnership Award for its success in working with Junior Achievement (JA) China to advance sustainability education in China. Since 2008, Dow and JA China have worked closely to introduce the innovative Our City program to Chinese students. Our City is a 12-week program that targets third- and fourth-grade students. Through interactive, hands-on activities, students learn about their roles and responsibilities in contributing to the sustainable development of a city. Over the years, the program has benefited more than 260,000 students from seven cities across China. In the fall semester of 2013, the course was taught as part of the official curriculum in elementary schools in Beijing, reaching approximately 85,000 students from 300 schools.



Dow Mexico Hosts Earth Week Sustainability Conference on Recycling

To commemorate Earth Day and drive positive change in Mexico, Dow invited Sofía Díaz Rivera, sustainability manager at Bonafont, to engage Dow employees on sustainability as part of the Go Evergreen initiative. Rivera presented one of her recent projects, Reciclaje inclusivo con pepenadores de Mexicali, which embraces a cradle-to-cradle approach for recycling. The project integrates company efforts with the recycling industry in Mexico to increase sustainability for positive environmental, economic and social impact. The project engages stakeholders like housing development owners, recycling companies and plastic converters to improve the quality of life of the people that provide raw materials. The Dow team has received positive feedback on the event and is evaluating joining the project due to the growing interest of employees in sustainability initiatives.

Kids Can Catch!



Anglers of all ages came out to the Alberta Conservation Association's "Kids Can Catch" events that occurred in eight locations across Alberta. The Dow-sponsored events provided an excellent opportunity to promote STEM education and environmental initiatives through conservation awareness and teaching kids about

biology in a fun way outside of the classroom. The fish pond in Fort Saskatchewan is stocked by Dow annually to sustain this community resource. More than 900 people came out to enjoy the sunshine, fresh air and free lunch. Organizers estimate that a couple dozen trout were caught, with close to 500 kids receiving free fishing poles from Cabela's as well as free backpacks from Dow. Information on fish conservation and wildlife management were the main focus for the event. Linking kids with nature not only contributes to their physical, social, and emotional development, but it may also instill in them the enthusiasm to pursue a career in science or in another STEM field.

UAE Workshop on Energy-Efficient Buildings Aims to Reduce Energy Use

With residential and commercial buildings accounting for up to 80 percent of the consumption of electricity in the Middle East region – and as much as 70 percent of that consumption related to climate control – techniques to improve energy efficiency in construction are receiving more attention. In an effort to help address this issue, Dow recently facilitated a workshop with the United Arab Emirates (UAE)'s Emirates Green Building Council to help advance the development of energy-efficient buildings throughout the Middle East. The workshop, entitled "Materials and Systems Contributing to Energy Efficiency: Building Envelopes," provided an opportunity for Dow to demonstrate how more sustainable construction solutions can insulate the entire building envelope to help increase energy efficiency and reduce resource consumption. Discussions at the event centered on advancing standards and regulations as well as the need to raise awareness of the benefits of more energy-efficient buildings among developers and building owners to reduce costs and energy consumption while increasing efficiency and sustainability.

First Sustainability & Solutionism™ Awards in Spain

Recently, Dow hosted the first Sustainability & Solutionism™ Awards for 2013 to mark the World Environment Day. The awards are designed for college students at the Universitat Rovira i Virgili and are intended to reward initiative, ingenuity and team contributions to address critical challenges to improve society. The awards program recognizes engineering students aiming to provide feasible technological solutions to these global challenges. Isaac Balagué, Andreu Gubert and Joan Miralles received the Solutionism™ Award for their innovative ideas on the reuse of reverse osmosis membranes for other applications, and Marta Lopez and David Porras received the Sustainability Award for their work and progressive thinking on ways to convert a significant volume of materials transported by road to rail in order to reduce carbon emissions. Each recipient received 3,000 Euros for tuition to pursue a Master's degree in either Chemical Engineering or Environmental Engineering and Sustainable Production at the university.



Children Learn to Preserve Nature in Taiwan

Recently, nearly 30 Dow volunteers led more than 70 underprivileged elementary students and 20 teachers in an exploration of nature and oceanic protection at the Hong Shu Harbor rehabilitation park in Hsinchu Prefecture. The project is an innovative combination of Dow Taiwan's two ongoing corporate citizenship programs – Hope Reading, which encourages children to read books, and Protect Ocean, which helps safeguard marine



biodiversity. Media and local customers were also invited to the event as guests and joined the eco-tour. The children came away from the event with a better understanding of the importance of preserving our environment for a more sustainable future.

Four Corporate Citizenship Awards for Dow AgroSciences

As a result of its comprehensive Corporate Citizenship efforts, Dow AgroSciences has garnered recognition from key community partners for its outstanding commitment towards community success. Awards include the Indiana University-Purdue University Spirit of Philanthropy Award, United Way of Central Indiana's Top Contributor Award, United Way of Central Indiana's Spirit United Award, and Indiana Latino Scholarship Fund honoree for Dow AgroSciences Corporate Citizenship efforts in support of the Indianapolis Hispanic/Latino community.

Smart Solutions for Today

Our technologies enable our customers, and their customers, to develop more sustainable products and services.

ENERG-ICE Awarded LIFE Environmental Prize at Green Week 2014

Led by Dow in partnership with Cannon Group companies, Afros, Crios, and Federchimica, the ENERG-ICE project was recently selected as one of the six "Best of the Best" Environment and Information projects in 2013 within the LIFE Environmental Program of the European Commission. The Best LIFE-Environment Project selection follows a lengthy evaluation process based on a set of best practice criteria, developed by EU Member States in collaboration with the European Commission. These criteria address the key issues of the projects' contribution to the immediate and long-term environmental, economic and social improvements, the degree of innovation and transferability, the relevance to policy and cost-effectiveness. The ENERG-ICE project focused on reducing the environmental impact of energy-using products, such as cold appliances, by taking action at the design stage, where the pollution caused during the product's life cycle can be best minimized. The project showcased an innovative polyurethane foaming technology for manufacturing the insulation filling of cold appliances, such



as refrigerators and freezers, using cyclopentane as a blowing agent. This technology offers up to 10 percent in energy savings compared to the best-in-class appliances available today, with a more sustainable process that reduces the overall carbon footprint by 10 percent. Learn more about the project on our [website](#). [Read more.](#)

Paints with FORMASHIELD™ 12 100% Acrylic Binder Remove Formaldehyde from Indoor Air

Dow has created an entirely new category in indoor paint that helps improve air quality. FORMASHIELD™ 12 100% Acrylic Binder for indoor paint enables the paint on walls to capture free-flowing formaldehyde and lock it in over time, irreversibly removing it from the air, which helps to improve indoor air quality in homes and commercial buildings. The innovative product was recently awarded with a 2014 Coatings Industry Ringier Technology Innovation Award, marking the fourth time Dow has won the prestigious award. Dow scientists developed FORMASHIELD 12 Binder in response to growing concerns about indoor air quality and the negative health effects associated with exposure to formaldehyde. FORMASHIELD™ Technology reacts with formaldehyde, transforming a potentially harmful carcinogen into an inert and harmless vapor. Now, paint manufacturers can amplify the performance and durability of their paints, while also addressing a consumer demand for products that enhance the sustainability of their living spaces. [Read more.](#)

Breakthrough Water Technology Recognized with Bronze Edison Award

Fast on the heels of designating DOW FILMTEC™ ECO Reverse Osmosis Elements as the company's second [Breakthrough to a World Challenge](#), Dow was recently presented with the Bronze Edison Award for the product in the Energy/Sustainability and Commercial Resource Management category. The Edison Awards are part of the [Edison Universe](#) organization and have recognized some of the most innovative products and business leaders in the world. The judging committee recognized FILMTEC ECO Technology for its ability to significantly reduce the energy required to remove impurities from water. FILMTEC™ ECO Elements can help deliver up to 40 percent better water purification while using up to 30 percent less energy, resulting in up to 19 percent less operating costs. These benefits provide manufacturers, who need water as a critical utility or as a process ingredient, with an *ecologic* and *economic* win when making the products we use every day. FILMTEC ECO Elements also help power utility providers reduce the need for chemicals used to clean the membranes, helping to improve their power production uptime. [Read more.](#)

Leading Game-Changing Photovoltaic Performance with PID Zero

Photovoltaic (PV) modules continue to gain momentum as a viable renewable energy source. With reputable ENLIGHT™ Polyolefin Encapsulant Films for PV modules, Dow has established itself as an industry leader for polyolefin encapsulants products that produce high-performance PV systems. Recently, modules with ENLIGHT™ Polyolefin Films achieved results that demonstrate zero potential induced degradation (PID) loss, setting a new bar for industry expectations with PID zero. PID occurs when a module's voltage potential and ion mobility degrade the solar cells and reduce the module's power output capacity. PID has been a leading benchmark to evaluate the effectiveness of PV systems when put under various types of stresses that may affect performance, including high temperatures, humidity, moisture and high voltage. Recent independent testing confirmed that ENLIGHT™ Films from Dow possess high volume resistance, have low moisture vapor transmission rate and demonstrate zero degradation of power from PID – exceeding industry-accepted standards. To learn more about Dow ENLIGHT™ Polyolefin Encapsulant Films and PID zero, please visit www.PIDzero.com. [Read more.](#)



Polyethylene Stand-Up Pouch Takes Home Environmental Awards



Dow continues to reap rewards for its value chain collaboration and sustainability in packaging. Recently, the Company's recyclable Polyethylene (PE) Stand-Up Pouch received another prestigious accolade, an Environmental Stewardship Award at the Global Plastics Environmental Conference. These awards honor institutions that showcase a commitment to the environment and exhibit outstanding sustainability and recycling leadership. The PE Stand-Up Pouch won for "Design for Recyclability." Since its introduction in 2013, the Stand-Up Pouch has garnered a considerable amount of attention as a more sustainable, high-performing flexible package. The innovative product features high tear strength, puncture resistance, cold-temperature tolerance, barrier properties and excellent optics. The Stand-Up Pouch can be easily recycled in communities with existing recycling streams. The packaging was awarded the 2013 Envase Estelar (most innovative package) from the Asociación Mexicana de Envase y Embalaje in Mexico and earned a 2013 WorldStar Packaging award from the World Packaging Organization. [Read more.](#)

German Authorities Promote SAFECHEM Chemical Leasing



SAFECHEM was invited by the German Federal Ministry for the Environment to present its COMPLEASE™ Chemical Leasing model as a best-practice example. As part of a recent workshop on environmental issues, Steffen Saecker, business manager for SAFECHEM, presented the concept of COMPLEASE, as well as concrete customer case studies and testimonials. COMPLEASE Chemical Leasing is a full-service solution for high-quality cleaning requirements with solvents. Customers pay a fixed monthly fee and can enjoy continuous cleaning process optimization. At the same time, it supports customer efforts regarding environmental responsibility.

DOW FILMTEC™ SEAMAXX™ Reverse Osmosis Elements Put the Ocean to Work

Turning seawater into high-quality, usable water to overcome increasing water scarcity is a growing trend. Dow Water & Process Solutions made DOW FILMTEC™ SEAMAXX™ Reverse Osmosis Elements commercially available in China and the Americas earlier this year. The innovative elements will help reduce the high amount of energy typically needed to create freshwater from salt water. A system using these innovative elements is already successfully providing freshwater from seawater to a luxury hotel in the Canary Islands, cutting the hotel's energy use in half and increasing capacity to 550 m³ from 400 m³ per day.

Solutions to Enable More Sustainable Surface Finishes



Dow recently launched a number of new products that deliver more sustainable surface finishing solutions. The products are used in the electronic and industrial finishing markets and provide alternatives to the use of cyanide, nickel and lead, as well as improvements in process efficiencies and waste reduction. The new products include SILVERON™ GT-101 Cyanide Free Silver, SILVERON™ GT-820 Cyanide Free Silver Tin, SOLDERON™ ST-300T Matte Tin, SOLDERON™ BHT-350 Bright Tin, RONALLOY™ GT-250 White Bronze, AQUALLOY™ GT-640 Cyanide Free White Bronze. The Company also introduced LITHOJET™ 200 Series Ink for inkjet masking, which offers off-contact, digital processing with rapid design change, prototyping, and mass production capability. Compared to conventional masking systems, it can provide higher yields and shorter processes with reduced consumables, wastewater and power. [Read more.](#)

Pack Studios Shanghai and Horgen Open Doors to Customer Innovation

Pack Studios Shanghai, China, and Pack Studios Horgen, Switzerland, were recently opened, completing the Company's global network of regional packaging innovation centers. These two locations join the Freeport, Texas, and São Paulo, Brazil, locations and are designed to accelerate innovations in packaging with customers and the value chain. Pack Studios, an integral tool for the Dow Plastics & Specialty Packaging franchise, is a global network of experts, collaboration tools and labs, including fabrication equipment. Building on a foundation of application development success, these centers enable Dow to build on its reputation and strengthen external partnerships to create smart, sustainable packaging solutions. [Read more.](#)



Rio de Janeiro Celebrates World Environmental Day with Affordable Housing Technology

Recently, Dow participated in the "Pressing Housing Needs" event in Rio de Janeiro, Brazil, organized by Bairro Chic Comunidade Casa & Inovação and the Brazilian Business Council for Sustainable Development. The event sought to introduce a new partnership with companies to find solutions that may be used in affordable housing projects. Discussions focused on the use of technological innovations to address the housing and development demands at slums and housing projects, which represents about 32 million homes in Brazil. Conducted on World Environmental Day, the event promoted a series of guided activities through Santa Marta slums in order to train people to think outside the box and develop innovative solutions for housing and urban development where 120 million currently live.

Responsible Operations

Our infrastructure has a positive impact on our Company, our communities and ourselves. Our operations are a model for others, wherever we operate.



Slashing Energy Use & GHG Emissions at Dow Site in Colombia

Dow Barranquilla site leaders in Colombia are moving forward to improve on a project to cut energy use, save money and increase sustainability across the plant. The main goal in the current phase of the project is to implement an energy system for operational control and new processes and discipline that will guarantee improvement. The project will reduce energy consumption by almost 150,000 kWh per year and reduce gas consumption by about 85,000 cubic meters per year. It also delivers savings of \$100,000 USD and reduction of more than 200 tons of CO₂ annually. The project value and success will be leveraged to make similar improvements at the Cartagena site in the near future.

Sustained Excellence in Caring for Texas Award

Dow Texas Operations was recently honored by the Texas Chemical Council (TCC) with a Sustained Excellence in Caring for Texas Award. The award recognizes a continuous commitment to improving performance in community awareness, emergency response, security, and pollution prevention. The TCC's "Sustained Excellence" recognition is awarded to a qualifying facility that has been selected for the award at least once in the past three years and has maintained a score of 90 or above during that same period. The award program provides recognition for TCC member facilities that, during the previous calendar year, have achieved exemplary results and demonstrated commitment to their employees and their community.

Dow Brazil Takes Top Spot in Einstein Awards for Corporate Health

Dow Brazil had the highest score among all participating companies and was recognized in the Golden Category in the Einstein Awards for Corporate Health, an initiative created by the Center for Preventive Medicine at the Albert Einstein Hospital in São Paulo, Brazil. Dow's participation dates back to the inception of the award, which recognizes and certifies companies that stand out for taking preventive measures to care for the health of their employees. Evaluation criteria consider a company's overall health-related efforts, as well as their effectiveness in examining health habits and helping individuals to take positive action following regular check-ups.



Two Dow U.S. Sites Recognized with Responsible Care® Energy Efficiency Awards

Recently, Dow was honored by the American Chemistry Council with two Responsible Care® Energy Efficiency Awards for innovative energy-efficiency projects at Deer Park, Texas, and Midland, Michigan, sites. Dow's first award was in the category of "Significant Improvement in Manufacturing" for replacing mechanical refrigeration units at Deer Park, Texas, with technologically advanced machines that offer environmental, economic, and reliability benefits and reduced energy usage by 48 percent. The other award came in the category of "Non-Manufacturing Improvement at a Plant Site" for improving building energy efficiency site-wide in Midland, Michigan. In 2013, the Building Champions program saved more than 10,000 million Btu in Midland. The Company plans to expand the program globally. [Read more.](#)

Chemical Safety and Security in Focus at International Conference in Warsaw

Dow leaders participated in an international conference entitled "Chemical security and environmental protection: Challenges and perspectives for enhancing economic, trade, research and development cooperation." The conference was jointly organized in Warsaw, Poland, by the Chief Inspectorate of Environmental Protection and the International Center for Chemical Safety and Security. The chemical industry is growing dynamically, and the security and safety of chemicals is an element of consideration across a wide range of important issues – from internal and external security, public health protection, economic and trade cooperation, to development and humanitarian policies. With the establishment of the International Center for Chemical Safety and Security, of which Dow is an official partner, Poland is actively supporting research and development in these fields, as well as fostering close cooperation between private and public partners. The participants at the Warsaw Conference included delegates from various countries and representatives from numerous multinational and Polish companies and organizations.

Collaboration with EarthMinded LCS Reaps Big Benefits for Dow

Over the past few years, Dow has collaborated with three industrial packaging reconditioning companies to improve their recycling efforts. One supplier in particular, EarthMinded™ Life Cycle Services delivered a notable achievement in 2013 – collecting 30,000 steel and plastic drums, and rigid industrial bulk containers from Dow facilities across the U.S. EarthMinded™ Life Cycle Services collects, cleans, reconditions and remanufactures industrial items for Dow, giving used containers a second chance. In 2013, materials from seven Dow facilities were collected resulting in the reuse or recycling of more than 700,000 pounds of steel and more than 70,000 pounds of plastic. This work resulted in an impressive 95 percent recycle or reuse rate while reducing CO₂ emissions. In the first half of 2014, container collections began at four additional sites, with five more planned. In addition to the sustainability benefits, the effort has provided significant financial benefits for Dow. The partnership reflects a high level of collaboration to reduce materials consumption and increase reuse and recycling.

Best Employers for Healthy Lifestyles Global Distinction Award in China

Dow was recently recognized by the National Business Group on Health (NBGH) with its *Best Employers for Healthy Lifestyles®* Global Distinction Award in Emerging Markets for the company's global commitment to employee health and recent results of employee health programming in China. Dow's "total health" approach is globally integrated and focuses on physical, mental, emotional and spiritual aspects of health, with built-in flexibility to accommodate local needs and cultures. Recent achievements in China include risk improvement in areas of tobacco use and physical activity, as well as success with one-on-one health counseling. Engagement of site leaders, employees and – depending on the program – contractors and families contributed strongly to program results. Comprised of nearly 400 large employers, NBGH is devoted to developing and promoting best practices in health care and benefits-related issues, disability, productivity and work/life balance. The Global Distinction Award in Emerging Markets singled out Dow's healthy lifestyle programs in China as "a role model for other companies striving to improve the physical, mental and emotional well-being of employees and their dependents."

Responsible Care® Awards in the Netherlands and Colombia

In the Netherlands, Dow received special recognition in the national Responsible Care® Award competition for the Company's "Summer Spike" safety program.

Thanks to the innovative behavioral program, Dow Terneuzen achieved a milestone in safety performance with one calendar year without any

incident, a performance level that is unparalleled in the industry and a notable achievement given the size of the site. In Colombia, Dow also received an award for its responsible management and production of chemicals, marking 20 years of progress to bring Responsible Care® to Colombia. Some of the practices cited as reasons for the award included EH&S leadership, the sharing of best practices with suppliers and logistic operators, and the significant financial and volunteer support for initiatives that positively impact in the communities where Dow facilities are located.



St. Charles Site Earns National Safety Council's Award of Honor for Outstanding Safety Performance

Dow St. Charles Operations was recently recognized with an Award of Honor for outstanding safety performance by the South Louisiana Chapter of the National Safety Council. Laura Ambrose, global director of EH&S operations and former site leader for St. Charles Operations, accepted the Award of Honor, noting that the widely recognized competition is a reminder to everyone of the fundamental importance of accident prevention in all fields of safety. A total of 49 organizations from a variety of industries participated in the competition.



Goal Updates

Sustainable Chemistry

The 2015 Goal for Sustainable Chemistry is to increase the percentage of total Company sales to 10 percent for products that are "highly advantaged" by Sustainable Chemistry, as measured by Dow's Sustainable Chemistry Index (SCI). Sustainable chemistry is Dow's "cradle-to-cradle" concept that drives the Company to use resources more efficiently, minimize its footprint, provide value to its customers and stakeholders, deliver solutions for customer needs and enhance the quality of life of current and future generations. The SCI is an internal index based on Dow's analysis of eight sustainability factors of the Company portfolio at a detailed level and is updated annually. In 2013, the percentage of sales from Dow products that are highly advantaged by sustainable chemistry increased from 7.1% to 10.0%.

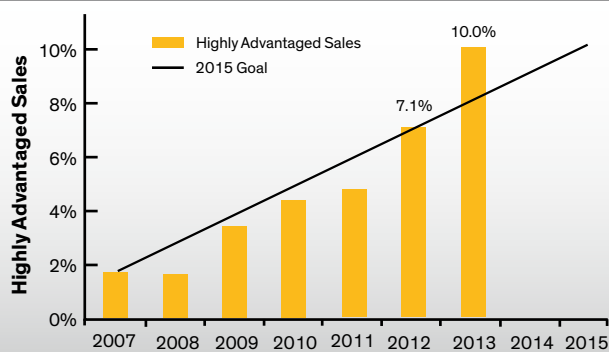
Most of the 2012 highly advantaged sales remained highly advantaged for 2013, and as a group these sales grew faster than the Company. New highly advantaged sales were achieved due to improved manufacturing efficiency and opportunities realized in areas of agriculture, water, automotive, infrastructure, energy and consumer products.

In 2013, the Company's aggregated SCI increased from 22.0 to 24.4. All index factors were improved from 2012 performance, except resource management, which remained the same. The SCI continues to be an important point of discussion during business strategy reviews, as business interest and engagement around sustainability continues to increase and deepen across Dow's portfolio.

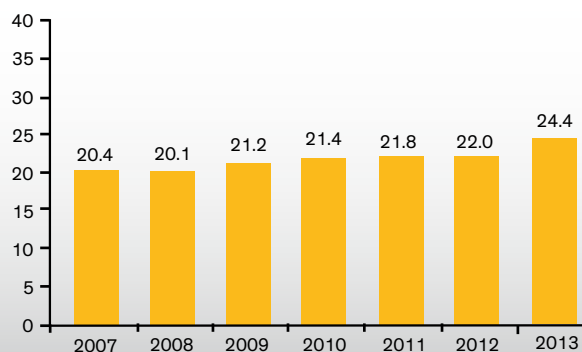
2015 Goal

- Increase the percentage of sales to 10% for products that are Highly Advantaged by sustainable chemistry

Highly Advantaged Sales



Dow Aggregated SCI



Addressing Climate Change, Energy Efficiency and Conservation

In 1Q 2012, Dow added an absolute greenhouse gas (GHG) commitment to our own Climate Change goal: Maintain GHG emissions below 2006 levels on an absolute basis. Dow will find ways to grow, but without growing GHG emissions. Related to this additional metric to manage our footprint, Dow is developing a Net Impact Tracking Tool, a technique that will sharpen the Company's focus on the full life-cycle benefits of our products.

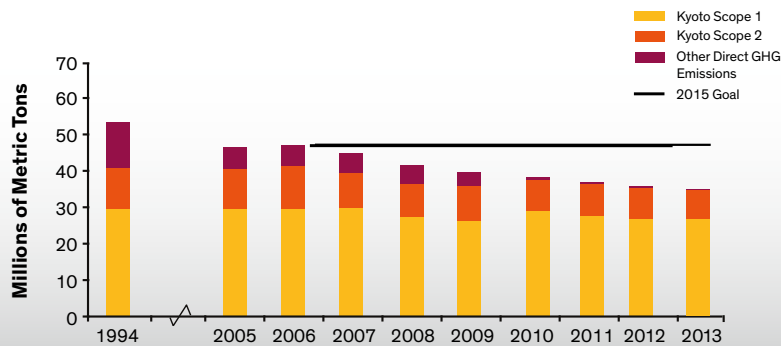
A sustainable energy future requires constant manufacturing efficiency improvement, while maximizing the contributions of products to improve efficiency and expand the availability of affordable alternatives. Energy is an enabler of global economic growth, and energy efficiency remains critical to meeting the world's energy demands. Dow's innovation engine is driving energy solutions that meet society's needs and provide a competitive advantage to the Company and our customers.

2015 Goal

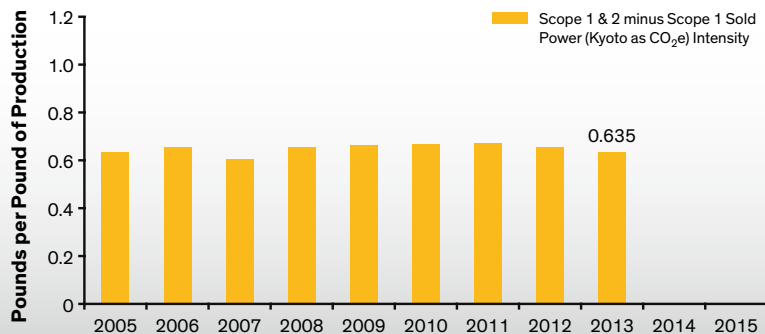
- Maintain absolute greenhouse gas emissions below 2006 levels
- Reduce our energy intensity 25%
- Use 400 MW of clean energy by 2025

Greenhouse Gas Reduction

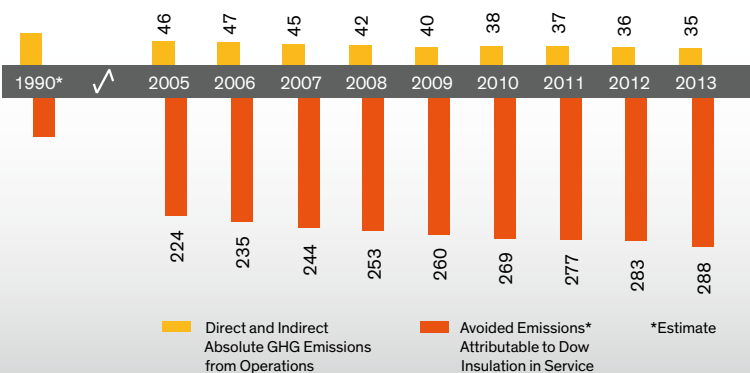
Absolute Greenhouse Gas Emissions as CO₂ Equivalent



Intensity of Kyoto GHG as CO₂ Equivalent



Greenhouse Gas Emissions (million metric tons of CO₂-equivalent, Kyoto and non-Kyoto)



Dow's goal is to maintain GHG emissions below 2006 levels on an absolute basis for all GHGs, thereby growing the Company without increasing its carbon footprint. Dow will continue to focus on managing the Company's footprint and delivering solutions to help customers manage theirs. For example, Dow's insulation products contribute to greater energy efficiency, helping avoid millions of metric tons of GHG emissions per year.

Dow's energy efficiency and chemicals management efforts have significantly reduced the Company's GHG emissions footprint. As a result, Dow has prevented over 308 million metric tons of GHG emissions from entering the atmosphere since 1990. The energy savings and avoided GHG emissions are equivalent to the average footprint of more than 48 million single-family homes.

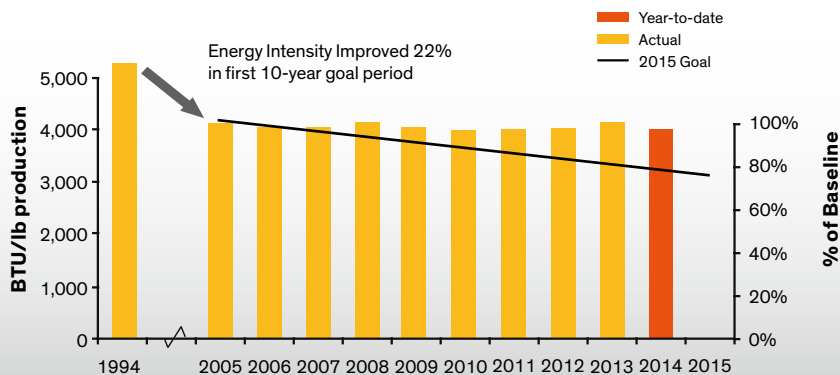
Dow is regularly reporting on a target to grow the use of clean power to exceed 400 megawatt (MW) equivalents by 2025. At the end of 2013, Dow has approximately 245 MW that are either low-carbon or from renewable sources. Additionally, Dow has identified future prospects that could yield as much as 240 MW of clean power. This goal is helping the Company pursue opportunities to incorporate economically viable, clean-technology energy alternatives into its operations.

Since 2003, Dow has reported to the Carbon Disclosure Project (CDP), a not-for-profit organization working to understand the risks and to drive GHG emissions reduction from business. In 2013, Dow reported on its 2012 GHG performance and commitment to providing solutions for the climate change challenge. The report scored 90 out of a possible 100 points, highlighting Dow's commitment to strong governance and complete disclosure through transparent emissions reporting. Dow has submitted the CDP response for the 2013 reporting year and will receive the scoring information in September 2014.

Avoided emissions resulting from the use of Dow products are important contributions to reduce the overall footprint of human activities. A Life Cycle Assessment documented that emissions saved by Dow insulation products are about seven times greater than total Company direct and indirect Kyoto and non-Kyoto GHG emissions. This calculation was made by quantifying the GHG emissions at all stages of the life cycle of the Dow insulation product and comparing these with the GHG emissions savings from the use of the insulation products in buildings and pipe systems. The estimated GHG avoided emissions for 2013 from the use of Dow's insulation products is 288 million MT CO₂e.

Energy Intensity

Energy Intensity Performance 1994–2015



By 2015, Dow has a goal to achieve an additional 25% improvement in Energy Intensity (BTUs/lb produced), with average Energy Intensity for the year 2005, adjusted for mergers and acquisitions, used as the basis for calculating performance. Dow's goal for Energy Intensity for the full year of 2014 is 3,220 BTU/lb, or 77.5% of the value in 2005. Dow's actual performance through 2Q 2014 was 4,061 BTU/lb, which is 97.7% of the 2005 baseline.

Dow has reduced annual energy use by 20% since 2005; however, we do not expect to achieve the level of performance we anticipated when our Energy Intensity goal was established. Dow's products can lead to significant energy reductions for our customers, and virtually

every industry becomes more efficient through what we make and do. However, the Company is shifting toward higher-value, more technology-driven specialty products that are by nature more energy-intensive, and operating rates have also been reduced to match demand, resulting in less efficient asset use.

Product Safety Leadership

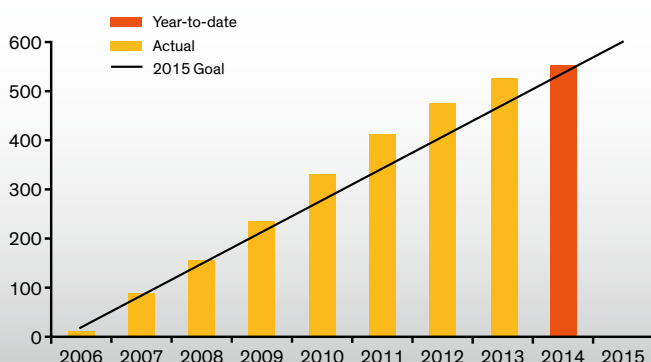
At the end of 2Q 2014, 543 Product Safety Assessments (PSAs) were posted to Dow's product safety website, with PSAs completed now accounting for more than 90% of Dow's annual revenue. Additionally, all of Dow's 216 High-Priority chemicals are now covered by a PSA. We are on track to meet our 2015 goal to have a Product Safety Assessment publically available for applicable Dow products.

PSAs are written for the lay public and cover topics such as basic hazards, exposure potential and risk management measures. They complement other product safety, handling and stewardship documents, which are part of the product responsibility package offered by Dow to strengthen relationships with communities and customers. Dow is dedicated to providing the public with accurate information and building trust as it uses technology to develop better products, and this holistic approach enables Dow customers and the communities in which Dow does business to stay informed about the Company's products and the plants that produce them.

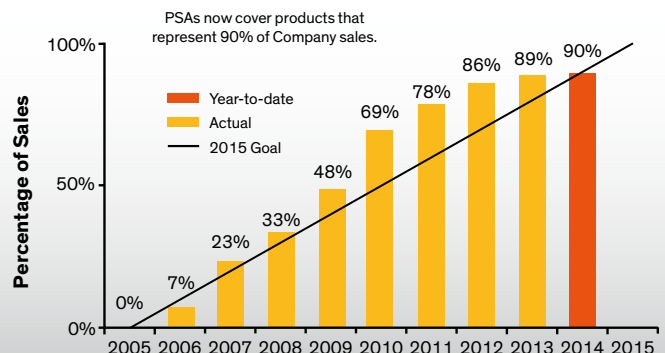
2015 Goal

- Publish Product Safety Assessments for all products

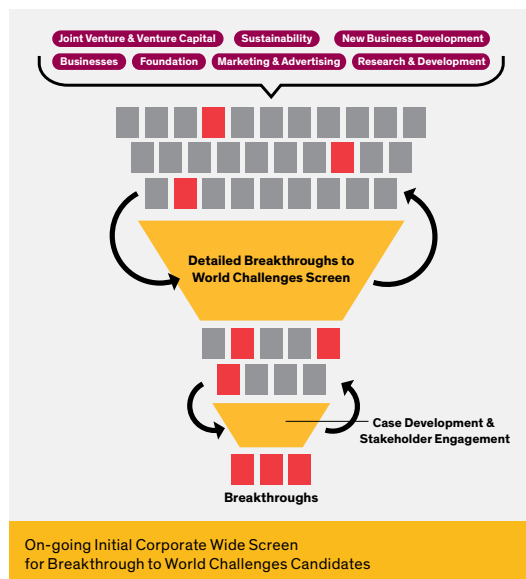
Cumulative Product Safety Assessments



Sales Covered by Assessments



Breakthroughs to World Challenges



The graphic is a visual representation of the ongoing process of using Dow science and technology to find breakthroughs that can help make the world a better place to live. In June 2012, we announced *Omega-9 Oils* as Dow's first Breakthrough to World Challenges. In March 2014, we announced *DOW FILMTEC™ ECO Reverse Osmosis (RO) Elements* as its second breakthrough technology. We have a robust pipeline of candidates for further Breakthroughs to meet our goal and look forward to announcing more Breakthroughs as they meet the criteria.



Contributing to Community Success

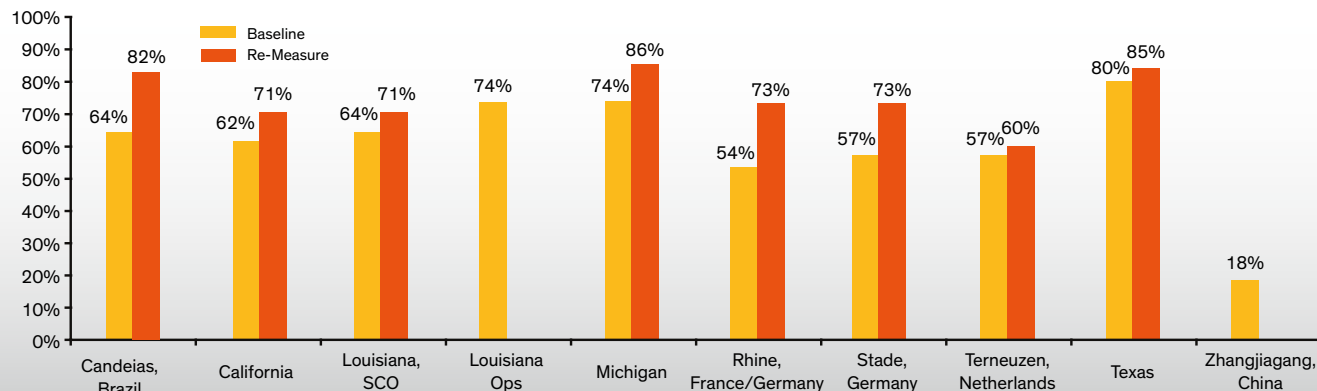
Dow's most recent community success assessment, conducted in Candeias, Brazil, in May 2014, continued to demonstrate the positive impact of the Contributing to Community Success process. Results for the remeasure showed a 19 percent increase in the important "quality of life" indicator, with 56 percent of respondents saying Dow plays a positive role in our local quality of life. In addition, 82 percent of respondents said Dow plays a positive role in their community, up from 64 percent in the last survey. These significant results can be attributed to multiple initiatives implemented over the years to improve communication and project management, employee and vendor engagement, community dialogue, and partnerships that address community needs.

2015 Goal

- Achieve individual community acceptance ratings for 100% of Dow sites where we have a major presence

Dow is continuing to make strides to further increase community acceptance ratings in all locations. The next community acceptance assessment will take place in Plaquemine, Louisiana, in August 2014, with Zhangjiagang, China, following in October. The table below shows the global status of all sites to date.

Community Acceptance Ratings



As the completion of the 2015 Sustainability Goals draws near, Dow continues to work ensuring 100 percent of sites where the company has a major presence have achieved their individual community acceptance ratings. Acceptance ratings are established by completing community relations assessments that evaluate Dow's impact on site communities.

Dow Partners to Create Sustainable Solutions in Matarandiba

A beautiful village of only 800 people nestled on the coast of Brazil, Matarandiba is an island comprised of low-income residents with poor living conditions, limited access to information and incomes based on street commerce. Despite Matarandiba's economic potential because of its costal location, community members were struggling to strengthen their local economy, encourage local collaboration and maintain their unique culture.

Dow's relationship with Matarandiba began more than 35 years ago when the company began operating a brine mine there. The company has maintained a strong relationship with the community, especially during bimonthly meetings with the Matarandiba Community Council.



When community members voiced their need for local development, Dow and the Federal University of Bahia (UFBA) developed a plan called "Ecosmar" (Matarandiba Sustainable and Solidarity Economy). In 2007, Dow began conversations with local leaders in Matarandiba and the UFBA with the goal of growing, developing and strengthening the community.

The Ecosmar project resulted in the development of several community initiatives that are thriving today. Projects include creation of an information center, a cultural house, a memory place, a sustainable agricultural food production effort and a community bank.

"Ecosmar has rescued and affirmed the cultural legacy and traditions of the community while strengthening Matarandiba's self-organizing process, enabling people's empowerment to manage their own territory and confirm their social responsibilities," said Rodrigo Silveira, Aratu site leader. "We've seen a major change in the Matarandiba people. Before the Ecosmar project, the people were unmotivated, and many people were leaving the island. Now they have hope for better lives, belief in improvement of their community – and people are actually coming back to live there."

Local Protection of Human Health and the Environment

Dow leads the way across virtually every facet of environment, security, health and safety performance. In 1897, Dow was one of the first companies to introduce innovative protection equipment for workers. Today, Dow engages its neighbors through Community Advisory Panels. Dow's "Vision of Zero" is a leadership attitude and a corporate culture that is committed to zero accidents, zero injuries and zero excuses.

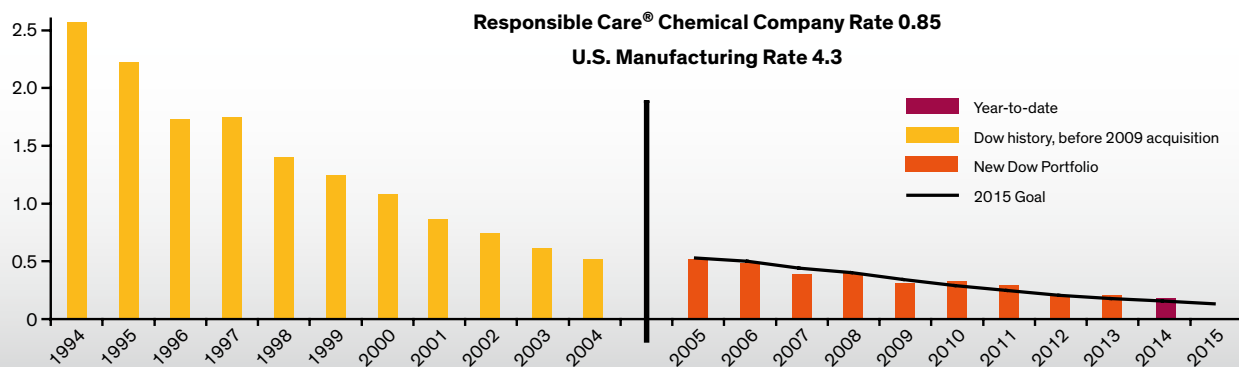
Dow announced 2015 goals to achieve on average a 75% improvement of key indicators for Environmental Health & Safety (EH&S) operating excellence from a 2005 baseline. These indicators include personal injury/illness of Dow employees and contractors, loss of primary containment incidents, process safety, severe motor vehicle accidents, emissions and transportation-related incidents.

2015 Goal

- Achieve on average a 75% improvement in key indicators for Environment, Health & Safety operating excellence from a 2005 baseline

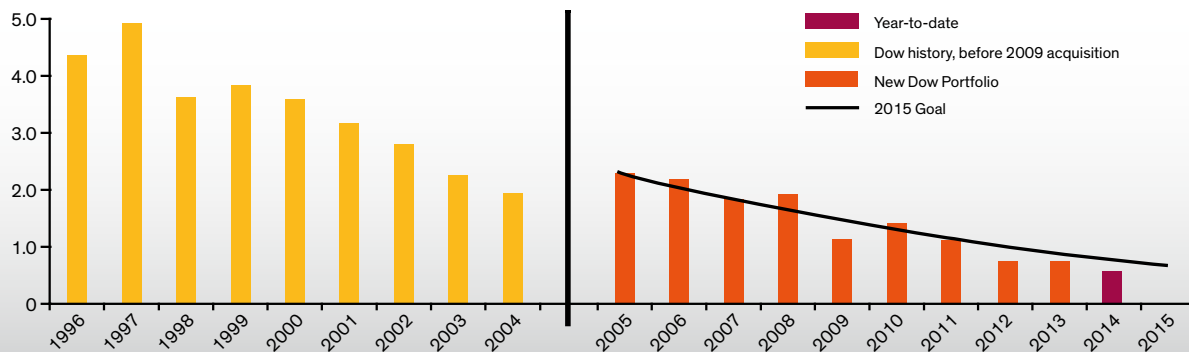
During the first 10-year goal period, the Company reduced the rate of injury and illnesses per 200,000 hours of work time by more than 80%, and during the 2005 to 2015 timeframe, the goal is to achieve a similar reduction in the rate. Excellent progress is being made, as Dow workers are now 24 times less likely to experience an injury or illness than the U.S. manufacturing rate reported for 2012.

Injury and Illness Rate



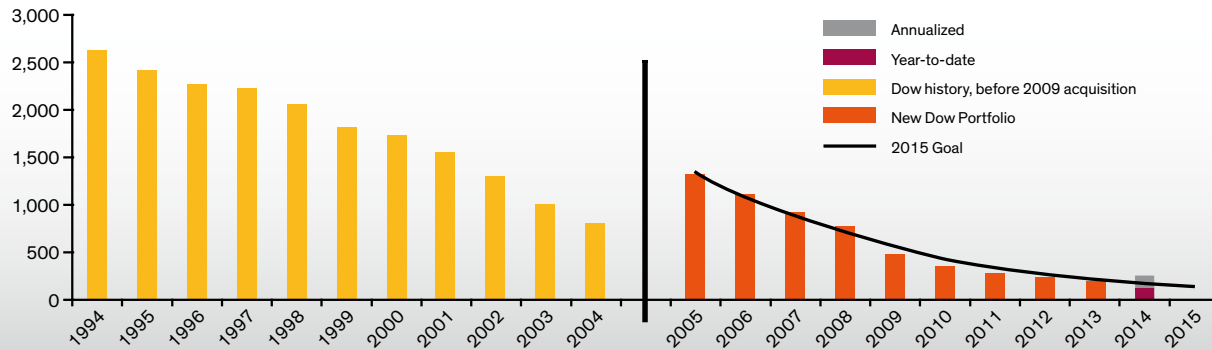
At the end of 2Q 2014, the Injury and Illness rate was 0.18 per 200,000 hours of work. This is a 10% improvement compared to 2013. The 2015 goal of 0.12 per 200,000 hours is a 75% improvement from 2005.

Injury and Illness Severity Rate



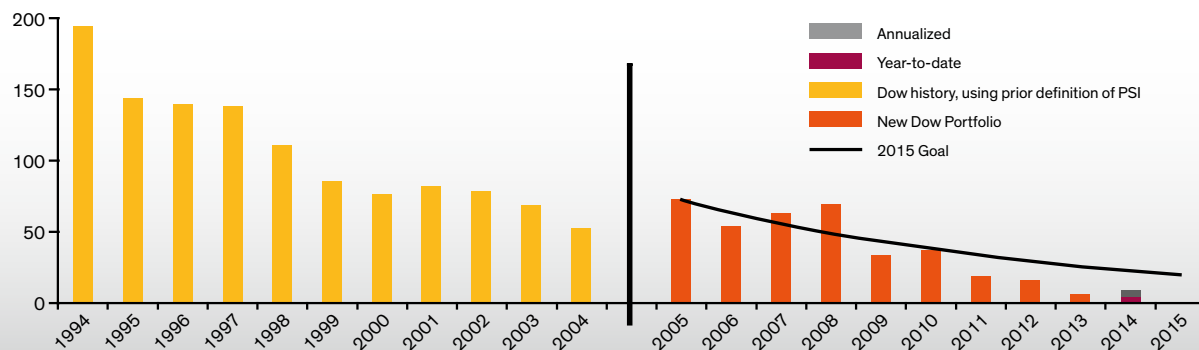
At the end of 2Q 2014, the Injury and Illness Severity rate was 0.58 per 200,000 hours of work. This is 23% better than our performance in 2013 and is on track towards the 2015 Goal of 0.67 per 200,000 hours. The 2015 goal is a 70% improvement from 2005.

Loss of Primary Containment Incidents



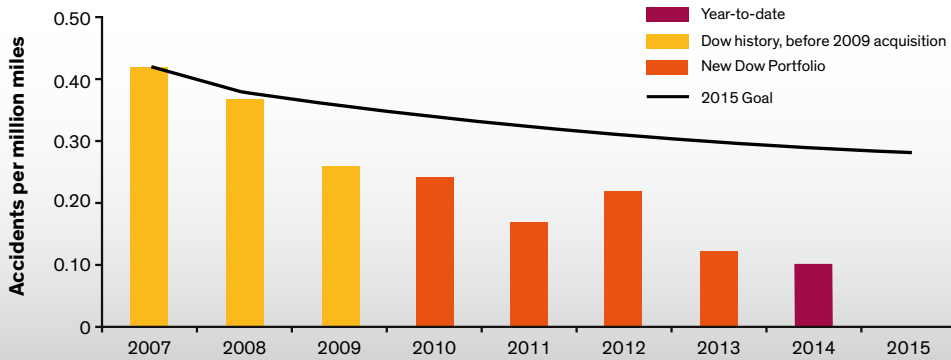
At the end of 2Q 2014, the Company had experienced 101 Loss of Primary Containment incidents. When annualized, the implied total of 202 would be an increase from the 186 incidents experienced in 2013. The 2015 goal of 130 or fewer incidents is a 90% reduction from 2005.

Process Safety Incidents



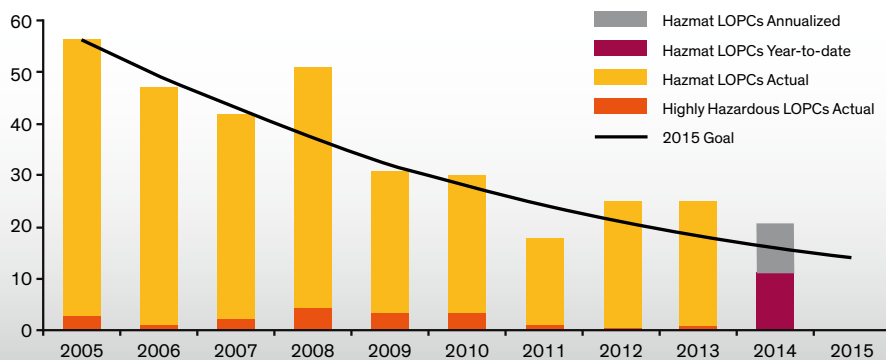
At the end of 2Q 2014, the Company had experienced four Process Safety Incidents (PSIs). When annualized, the implied total of eight would be an increase from the seven incidents experienced in 2013, but remains significantly below the 2015 goal. The 2015 goal is to be experiencing less than 20 PSIs. PSIs are classified in terms of the Center for Chemical Process Safety and American Chemistry Council PSI definitions.

Severe Motor Vehicle Accident Rate



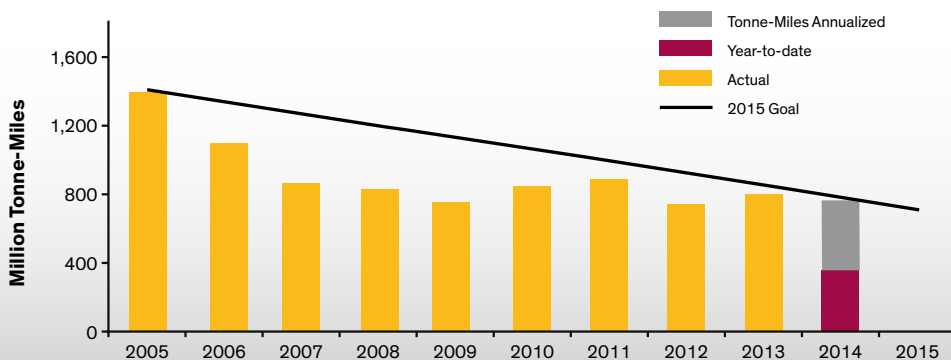
At the end of 2Q 2014, the Severe Motor Vehicle Accident (MVA) incident rate was 0.09 accidents per million miles driven. This remains better than the target for 2015. Severe MVA was not measured in the heritage Rohm and Haas Company. The 2007-2009 values represent the heritage Dow population.

Hazmat Transportation LOPC Count



At the end of 2Q 2014, Dow had experienced 11 Hazmat Transportation Loss of Primary Containment (LOPC) events. The 2015 goal to reduce all Hazmat Transportation incidents to 14 or fewer is a 75% improvement from 2005.

Highly Hazardous Material Tonne-Miles



By reducing the number of tonne-miles of Highly Hazardous materials, Dow reduces the chance of in-transit incidents that could impact communities and areas through which Dow's products travel. Supply chain redesign is a long-term effort, and changes in sourcing points sometimes take multiple years to implement.

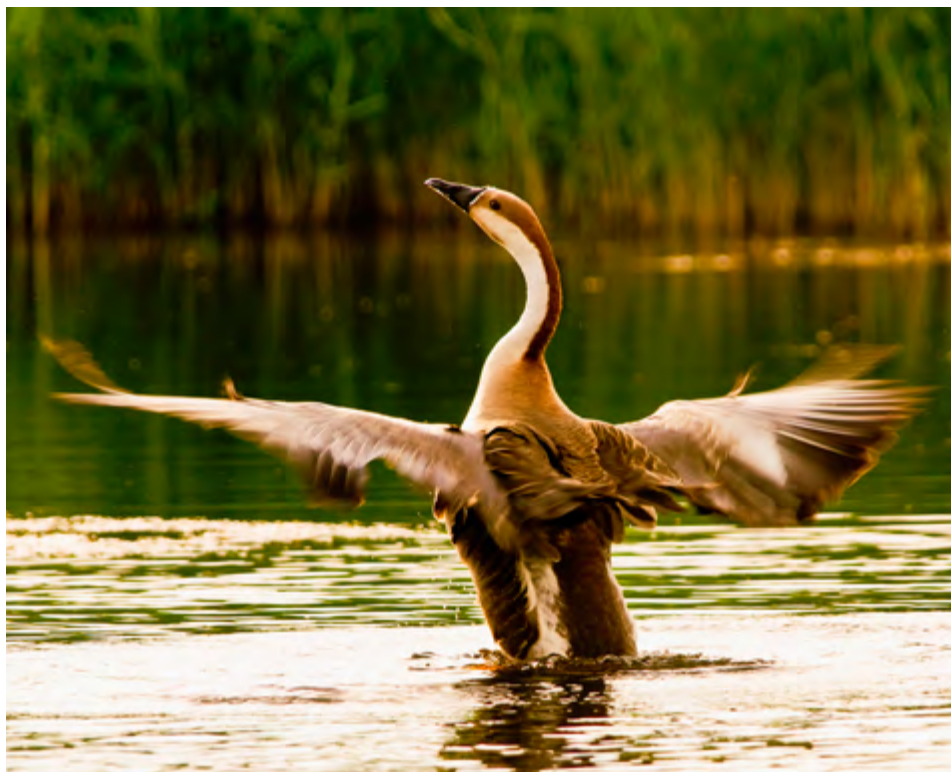
Annualized figures indicate that we would experience about 773 million tonne-miles shipped via road and rail. The 2015 goal is to reduce these shipments to less than 705 million tonne-miles, which would be a 50% reduction from the baseline in 2005.



Science for a Sustainable World

We only have one planet, with limited resources. So everything we do and how we do it matters. Dow is committed to minimizing our own footprint and to delivering solutions that help our customers and the rest of society do the same. The world needs solutions for big challenges like energy, climate change, water, food, housing and health. And Dow has some of the world's best scientists and engineers dedicated to solving world challenges through innovation. When we do that, it's not just good for the planet, it's also good for business.

Dow remains committed to continuously improving its performance and publicly reporting its progress. Please visit dow.com for the latest Dow sustainability, business and performance news, and to share your comments or submit questions.



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