



Resilient Bricks in Latin America

Classrooms built from 100 percent recycled plastic bricks are providing more than 200 children in Cartagena, Colombia, with a sustainable and affordable learning environment, while also diverting waste from landfills. The project was a collaboration between Dow and a wide variety of stakeholders including Mamonal Foundation, Conceptos Plasticos, Rochester College and Colombian Council of Sustainable Construction and endorsed by the Ministry of Education and the District Education Secretary of Cartagena.



DowCorps volunteers helped construct two classrooms from the recycled plastic bricks, which are molded to fit together like Lego pieces that make construction quick, efficient and affordable. And because the bricks are plastic-based and have a steel structure, they also are earthquake-resistant. The project supports Dow's 2025 Sustainability Goal of advancing a circular economy by helping keep these plastic materials from becoming waste, while creating learning spaces that benefit low-income communities.

TOGETHER Science and Humanity Can Change the World

2017 Global Citizenship Impact Report



Green Campuses in Asia Pacific

Part of a broad effort in Asia Pacific to ensure education infrastructure is safe and sustainable, Dow has collaborated with customers, industry partners and volunteers to transform sports facilities and classrooms at Singapore's Grace Orchard School – a school for children with autism and mild intellectual disabilities. Dow customers Nippon Paint, KDY Holdings and sports installer B.T. Sports each worked closely with the project. Dow products were used to modernize parts of the Grace Orchard School campus. The ECOGROUND™ Waterborne Acrylic Binder System helped create more sustainable rubberized surfaces for the running tracks, basketball court and parade square. FORMASHIELD™



Formaldehyde-Abatement Technology was used in paint for classrooms and is designed to help purify indoor air by absorbing harmful formaldehyde. DowCorps volunteers and Nippon Paint volunteers even worked together to paint.

“We are grateful to have Dow work with our schools to implement sustainable technologies in our sports facilities and classrooms. This has enabled a safer environment for our students to study and play.”

Lisa Goh, principal, Grace Orchard School



Our Priorities

At Dow, we are uniquely positioned to create global social impact by deploying our employees' talents and our company resources where innovation, citizenship and sustainability intersect. Making true and lasting impact on society has been infused in the DNA of our company, in the hearts of Dow people across the globe and in the fabric of the communities we call home.

Rob Vallentine, director, Global Citizenship; and president of The Dow Chemical Company Foundation



Classroom to Career: Ignite interest and enhance preparedness for students in STEM fields through employee engagement and strategic partnerships.



Educator Empowerment: Partner with educators to build STEM teaching and leadership skills. Support educators through employee engagement inside and outside of the classroom.



Food Security: Dow works to provide value chain solutions to preserve food and prevent waste.



Circular Economy: Dow delivers solutions and behavior change to close resource loops in which society redesigns, recycles, reuses and remanufactures to keep materials at their highest value use as long as possible.



Community Well-Being: Enable economic development, sustainability and education leading to socially healthy and resilient communities, while also encouraging self-sufficiency in the areas of Health & Safety, Environment, Economic Development and Housing.

Workforce Solutions

Dow aims to build the workforce of tomorrow by empowering teachers, motivating student achievement, developing careers and collaborating with communities to transform STEM education into a driver for innovation, manufacturing and economic prosperity.

Business Solutions

Dow aims to create shared value – unlocking Dow business opportunities by solving social problems through our own technology and expertise. By understanding how solving a social problem can drive business results, companies have clear incentives to invest resources to innovate more deeply and scale socially oriented business opportunities and markets.

Community Solutions

As a science and technology company, our ability to drive innovation to help address many of the world's most challenging problems is rooted in the health and safety of our employees and neighbors, and the economic vibrancy of our communities. For our more than 52,000 employees worldwide, our focus year-round is on supporting sustainable communities.

Our STEM Ambassadors

Supported **2,500+** Teachers
Enhanced STEM Opportunities for **380,000+** Students

3,000+ STEM Ambassadors
900+ Events
25,000+ Volunteer Hours



Our Impact

Total Corporate and Foundation Contributions in 2017:
\$39.74MM

Number of Grants Delivered Worldwide:
1,526

Number of Recipient Organizations:
1,073

Total Product and Equipment Giving:
\$7.8MM

Engaging Employees for Impact

Dow's volunteers, as part of DowCorps, are the catalyst for creating progress against our Global Citizenship efforts. To reach our goal of **positively impacting the lives of 1 billion people across the globe by 2025**, we bring together traditional and skills-based employee engagement programs so that our people can give purpose to their unique passions.

Number of Volunteers:
15,000

Volunteer Projects:
2,300

Volunteer Hours:
150,000

Number of Students Engaged in the Classroom:
23,000+

"Through Dow's partnership and the engagement of STEM Ambassadors, teachers are developing the necessary classroom tools that will help students succeed in becoming an employed, productive workforce of tomorrow."

Joe Maglaty, Ph.D.,
Dow's STEM and solutions manager, Collegeville, Pennsylvania.

"It is exciting to have a direct connection between real-world research and the things that can happen with my students."

Gordon Culver,
Frankenmuth High School, Frankenmuth, Michigan.

Empowering Young Women in Europe

For the fourth consecutive year, Dow's Women Innovation Network (WIN) in Paris welcomed 15 young women from the association Rêv'Elles, an innovative program that gives women from less privileged backgrounds the opportunity to discover the corporate world and learn about the diversity of career opportunities available. On the agenda were group workshops related to working life, and discussions with Dow France professional women, who shared their experiences and career advice. Throughout the day, the young women compared their preconceptions of the business world to the reality of Dow employees, and practiced interviewing for jobs. The day proved to be rich in inspiring exchanges that helped the young women develop their self-confidence and define their career interests.



Participant feedback included: "I am more ambitious and confident than ever!" and "I gained confidence in me and I am determined for the future."

Similar programs have taken place throughout the years across several Dow sites, with more than 200 young women having attended a Dow "Discovery Day." In addition, Dow sponsors the Forum Rêv'Elles Tech, which gives the opportunity to young female students to discover the many career and professional opportunities an industry like ours has to offer. WIN is one of 10 employee resource groups at Dow, which are voluntary, employee-led groups that foster a diverse, inclusive workplace globally and help contribute insights to the Company's business strategies.

Harvey Heroes in North America

As the world has watched in shock at the impact of Hurricane Harvey's wrath on the Texas Gulf Coast, Dow's number-one priority was the safety of our employees and communities. With approximately 12,000 Dow employees and contractors in Texas, we are fortunate that 100 percent of our Texas-based employees were identified as safe and secure.

- Dow allocated more than \$2 million to support immediate relief and long-term recovery, including \$1 million of support to Habitat Hammers Back, an initiative of Habitat for Humanity. Dow employees and retirees also contributed approximately \$300,000 to the American Red Cross in addition to volunteering their time to distribute meals and repair damaged homes.
- Many household goods, including mattresses, were damaged and needed to be discarded in the Houston area. Dow teamed up with our customer, Duralastic (mattress maker using Dow polyethylene products), to donate 252 crib mattresses for children left without a safe place to sleep. A non-profit partner, Save the Children, distributed the mattresses to those in most need.

“Everywhere we looked, we saw red Dow shirts. It was neat to see how the Dow employees were helping not only Dow employees but also our community.”

Bryan Corb, Police Chief of Richwood, Texas

Our Partners



Pyxera supports Dow's skills-based volunteer program, Leadership in Action, where each year Dow deploys leaders as pro bono consultants to address specific community challenges in the developing world. In 2017, Dow sent 43 employees to Vietnam.



Dow's commitment to Habitat for Humanity spans more than 35 years and includes financial, product and employee volunteer contributions. In 2017, Dow supported projects resulting in 236 houses and five community centers or schools in 19 countries. More than 1,700 employees volunteered their time building and revitalizing homes.



Dow has been a national partner with Keep America Beautiful's Great American Cleanup for more than 10 years. In 2017, Dow and KAB collaborated to launch a grant program to establish a Hefty® EnergyBag™ program in two communities. The program offers an innovative approach to diverting plastics from landfills and converting the materials to valuable energy resources.



“The Ocean Conservancy has formed the Trash Free Seas Alliance with Dow as a founding member. Together, we have found common ground: companies do not make plastic with the intent of it ending up in the ocean. Ocean Conservancy does not believe a world without plastic is realistic, or even desirable. Both sides believe that the problem of ocean plastic can be solved.”
Andreas Merkl, chief executive officer,
Ocean Conservancy



FIRST inspires STEM in students by engaging them in exciting mentor-based programs and robotics challenges that encourage innovation, and foster well-rounded life capabilities. Dow supports FIRST as a strategic partner through corporate donation and employee mentorship of FIRST high school teams.



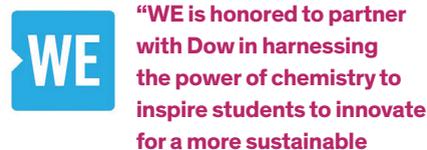
You Be the Chemist programs as part of the Chemical Education Foundation are designed to enhance K-8 science education by introducing the central role of chemistry in all the sciences and in our everyday lives. Dow supports YBTC through corporate donation, employee-student mentorship and organization of local challenges.



Dow partners with the Smithsonian Science Education Center to bridge the connection between the classroom and real world through the Dow Smithsonian Teacher Schools professional development program and the joint development of hands-on activities for Dow STEM Ambassadors to bring into classrooms.



YALI Regional Leadership Centres (RLCs) provide leadership training, networking and professional development opportunities to young leaders across sub-Saharan Africa. Dow supports YALI RLCs, in partnership with USAID, through financial sponsorship, engaging employees to mentor and host leadership seminars, and providing internship opportunities.



“WE is honored to partner with Dow in harnessing the power of chemistry to inspire students to innovate for a more sustainable future. Through WE Are Innovators, young people will have the knowledge and tools to spark innovative ideas that bring positive change in the world and drive economic growth.”
Craig Kielburger, co-founder, WE



United Way supports local community organizations to address social challenges and positively impacts our neighbors. In 2017, Dow U.S. employees contributed more than \$4.6 million to United Way and affiliated organizations where they live and work.



IMPACT 2030 is a private sector-led initiative in collaboration with the United Nations that has the unique mission to advance the achievement of the Sustainable Development Goals through employee volunteer programs. Dow, which seeks to engage employees for impact as part of its 2025 Sustainability Goals, is a founding partner.



Globally, Dow employees volunteer their time and expertise to support Junior Achievement's mission to prepare and inspire young people to succeed in the world economy. For example, Dow has partnered with JA China to implement “Our City,” a course that has enabled 450,000 students to learn about sustainability in the urban economy.



Visit www.dow.com/citizenship to learn more.