The Solution Is Within
Global Citizenship, Sustainable Communities.

2016 Global Citizenship Impact Report
We find ourselves living in an age where people everywhere are stepping forward to do what they can to build a better tomorrow. No single person can fix everything, but each of us can do something.

In the same way, no company can solve all the challenges that exist, but each can bring something special to the table. At Dow, we are uniquely positioned to apply innovation and technology to help develop sustainable solutions to challenges that have faced our world for generations.

Our efforts are most effective at the intersection of sustainability, innovation and citizenship – where all of our strengths come into play for global good. Dow’s 2025 Sustainability Goals, along with our alignment to the United Nations Sustainable Development Goals, make this connection even more clear. We like to say the solution is within because we know that inside our doors, this intersection engages the best in us. Working with like-minded partners and communities globally, long-term sustainable change is possible.

In our 2016 Global Citizenship Impact Report, you will learn about the wide-ranging effect of our efforts. We are proud to partner with so many of you to create lasting impact, and we remain committed to investing in communities all over the world.

Rob Vallentine
Director of Dow Global Citizenship
President of The Dow Chemical Company Foundation
Global Investments in Our Communities

$41.8MM
Total Corporate and Foundation Contributions in 2016

1,472
Number of Impact Grants Delivered Worldwide in 2016

$259.9MM
Total Contributions Since 2011

$5.3MM
Product and Equipment Donations in 2016

$1.3MM
Value of Skills-based Volunteerism in 2016

The Solution Is Within
Signature Programs

2,200+ Dow STEM Ambassadors supported 1,900+ teachers and engaged in STEM opportunities reaching 360,000+ students

152 new FIRST® Robotics teams added since 2015, and have 145+ employee volunteers

Transported 1,230+ cancer patients and caregivers in Dow aircraft at no charge through Corporate Angel Network

Leadership in Action since 2013, 159 participants logged 32,000+ volunteer hours on 29 projects in 4 countries

Partnering with Habitat for Humanity, 3,179 homes benefited from Dow products, with 733 families served, and we celebrated our 50,000th build in 2016

Global Citizenship. Sustainable Communities.
Dow Global Citizenship focuses on collaboration, elevation and inspiration. We seek out partners whose strengths and experiences complement our own. We work together to develop solutions that improve the quality of life for people everywhere. And we strive to be an example of corporate responsibility that also serves to motivate others.

One of our main avenues for engaging in this collaborative approach is DowCorps. Our DowCorps focus is on purposeful volunteerism. It’s the idea that building a better world is really what it’s all about. DowCorps puts the Human Element into action by bringing together traditional and skills-based employee engagement programs to enable a comprehensive, highly impactful approach to Global Citizenship.

DowCorps is also an important part of our ambitious 2025 Sustainability Goals. Through these goals, we will collaborate with like-minded partners to maximize the economic, environmental and social value of our efforts to advance the well-being of humanity. One of the seven Sustainability Goals is Engaging Employees for Impact, which includes a pledge that Dow employees worldwide will apply their talents to positively impact the lives of 1 billion people by 2025.

DowCorps Engagement Around the World

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Our Solutions

Harnessing the power of the Human Element, Dow's Global Citizenship strategy is built on community needs and achievable solutions.

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

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

**Community Well-being**
Enable economic development, sustainability and education leading to socially healthy and resilient communities, while also encouraging self-sufficiency.

**Water Access & Reuse**
Provide safe, clean drinking water to populations who currently lack access; preserve, clean up and reuse precious water resources through innovative solutions.

**Energy Efficiency & Affordable Housing**
Increase the energy efficiency of new and existing buildings to reduce energy consumption and ensure access to safe, affordable shelter for those in need.

**Food Productivity & Waste Prevention**
Increase agricultural yields and productivity, and provide value chain solutions to preserve food and prevent waste.

**Global Citizenship. Sustainable Communities.**
The Solution Is Within
The workforce of the future will be powered by today’s kids. They need cutting-edge skills and a desire to apply them to technical fields. We’re here to instill that love of science in our future workforce. To that end, Dow supports several programs that help strengthen the workforce of the future. As one of the world’s leading science companies, we have a special interest in STEM (science, technology, engineering and math) education. We’re particularly focused on two areas: classroom to career and educator empowerment.

**STEM Ambassadors**
Employees at Dow sites around the world have joined the STEM Ambassadors program to share their love of science with students and teachers. STEM Ambassadors go into their communities and make STEM accessible and exciting. By the end of 2016, more than 2,200 employees became STEM Ambassadors across approximately 40 sites in 24 countries. And the numbers are growing.

**FIRST Robotics**
It’s hard to fully grasp the power of FIRST Robotics until you walk into the arena during a FIRST competition. Thousands of high school students charting and cheering over the pounding beat of rock and roll music on loudspeakers. Teams of robots working against opposing teams to accomplish a series of wild tasks as the clock ticks down. It’s all the culmination of months of work that builds students’ technical abilities, soft skills and self-confidence. Dow is a global FIRST Strategic Partner, and we sponsor more than 100 teams as well as many competitions.

**Smithsonian Teacher Scholar Program**
Each year, we send dozens of teachers on a six-day residential experience at the Smithsonian’s museums and world-class research facilities in Washington, D.C. The teachers then take what they have learned back to their classrooms, while continuing their professional growth through peer networking, mentoring and interaction with employee volunteers. Since 2007, Dow has supported approximately 240 teachers through this partnership.
The Solution Is Within
Community Solutions

Every community has unique needs and challenges. One size does not fit all. So we work with communities around the world to identify opportunities for Dow people to provide solutions. We can’t solve them all. Usually, we can’t do it alone. But we can offer some very impressive progress to a lot of people. And we have figured out some effective ways to do it.

Community Impact Collaboratives
Dow has found great success in working with leaders in communities where we do business to foster open communication and coordination. Community Impact Collaboratives are a fresh way for us to be partners with people who are equally committed to progress.

Leadership in Action
LIA is a novel collaboration between Dow Global Citizenship and the company’s Human Resources department to apply employee talents to pressing world challenges. Groups collaborate with non-governmental organizations to help address critical community challenges. The project also offers a unique ability to develop relationships with key stakeholders in emerging economies. As of 2016, 159 employees have worked on 29 projects to benefit communities in Ethiopia, Ghana, Indonesia and the Philippines.

“The time spent in country (with Leadership in Action) was so different than anything I had previously been exposed to. As a future leader, this helped open my eyes to challenges that certain regions could experience that are different than my own experience. I am grateful to have been given the opportunity to participate.”

Amanda Ciccone
Houston, Texas
The Solution Is Within
Dow people can do many things that no one else can, and that often results in benefits to communities through access to Dow products and expertise. In 2016, we launched the Citizenship Impact Fund, a unique way to unlock business value while driving social impact. The Impact Fund designates corporate contributions toward new, business-aligned Global Citizenship initiatives. And it engages Dow businesses by creating opportunities to solve social problems using our own technology and expertise. In its first year, the Impact Fund focused on improving access to safe drinking water and preventing food waste through packaging technologies, making grants totaling $672,000 to four key projects:

**Fluoride Removal in Kenya**
An estimated 260 million people worldwide rely on sources of water that contain unsafe levels of fluoride, which can cause a debilitating bone disease known as skeletal fluorosis and can also damage neurological development. Dow Water and Process Solutions filtration technology has been proven to reject more than 99 percent of fluoride from drinking water. The Impact Fund is making clean water available in Nairobi, Kenya, by providing a water filtration system to serve a hospital, school and the community. More than 6,000 residents will benefit from this project.

**Houston Food Bank**
Each year, roughly 1.3 billion tons of food are wasted for a variety of reasons. That’s 340 pounds of food for every person on the planet. Advanced Dow Packaging materials help reduce the amount of waste by extending the shelf life of foods significantly. The Impact Fund has partnered with the Montgomery County Food Bank in Houston, Texas, to create a produce rescue center, providing packaging materials as a way to increase the available supply of nutritious food for the organization’s clients.

**PacXpert™ to the Rescue**
PacXpert™ Packaging Technology is an innovative, flexible product that can be used instead of traditional, rigid containers. In the business world, it provides sustainability, convenience and cost-saving benefits. In the wake of a natural disaster, it can be a lifesaver. The Impact Fund provides PacXpert supplies for disaster relief and humanitarian aid missions, where Dow’s technology for collapsible, portable pouches is used to provide water safely and effectively.

**Clean drinking water in Thailand**
Young students have plenty to worry about when going to school. Having enough water to drink shouldn’t be one of them. For students at 50 rural schools in Thailand, that concern is being removed by the Impact Fund, which is working with the Thai Red Cross to provide water filtration systems using Dow’s technology that solves their lack of proper filtration.
“I was taken aback a little when my small child asked me, ‘Why do people dump things in such pretty places?’ Trash was quite heavy on my back, but my heart was so light after seeing the lagoon beautiful again.”

Masaru Kimura
Sasakami, Japan
Global Citizenship. Sustainable Communities.
“My team and I are proud that we are part of a company that believes so strongly in positively impacting the world we live in.”

Ragunathan, T
Taloja, India
High School Chemistry Laboratory, Poland

228 Projects
692 Volunteers
4,577 Volunteer Hours
112,508 People Impacted

Global Citizenship. Sustainable Communities.
**Workforce**

**Partnership Helps Young People in Brazil**

Thousands of teenagers in several Brazilian communities are better prepared for the working world thanks to an initiative called Youth Connection, offered by Dow and the Social Services of Industry organization.

Youth Connections is powered by Dow STEM Ambassadors like Dow analytical technologist Priscila Campos, who volunteers for one of the many programs offered by Youth Connections. She meets with students at local schools to share the potential offered by a career in STEM.

“The most interesting part is to see the glow in the eyes of young students – who often do not even know which way to go in working life – and know that you can make a difference in their lives.”

Priscila Campos
Aratu, Brazil

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**Community**

**Civic Pride Takes Root in Argentina**

The long history of friendship between Dow and Bahia Blanca, Argentina, was reinforced with the planting of more than 400 trees in public spaces around the area. The annual campaign “We’re Digging Roots” was just part of the activity marking Dow’s 20 years in Bahia Blanca. We also provided equipment and employee volunteers in cooperation with government agencies and contracting companies.

The sustainable classrooms can accommodate up to 30 students and feature recycled plastic blocks instead of traditional bricks, giving new life to garbage and unwanted refuse.

To make this initiative a reality, Dow led a plastic waste collection journey with employees and customers, gathering 14 tons of plastic, which were then processed by Conceptos Plasticos to produce the blocks to assemble the classrooms.

“It was a great experience to see the teamwork to bring happiness and prosperity to the children of Cartagena.”

Lucy Fuentes
Cartagena, Colombia

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**Business**

**Recycled Plastic Blocks – An Alternative for Sustainable Construction**

Learning and the environment benefited when 35 people built two green classrooms using 100 percent sustainable products in Cartagena, Colombia. The innovative project benefited the San José de los Campanos neighborhood, thanks to the collaboration between Dow, customers, the school, the District Secretary of Education and Fundación Mamonal, Dow’s partner for community success.
Dow Science Club, Argentina

36 Projects
3,023 Volunteers
17,672 Volunteer Hours
30,372 People Impacted
“This is a pretty serious situation in Flint, and I really felt like it was important to participate. We take for granted the fact that we can turn on our faucets and have clean water at any time.”

Nina DeMarie
Midland, Michigan
Habitat for Humanity

Global Citizenship. Sustainable Communities.

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Every day, we are collaborating with like-minded partners to advance the well-being of humanity by helping lead the transition to a sustainable planet and society.

Habitat for Humanity
One of the company’s longest and most effective collaborations, Dow and Habitat for Humanity are working together through employee volunteerism, product donations and financial support to make communities around the world healthier and homes more sustainable for families in need of decent and affordable housing. Dow was Habitat’s first corporate partner in 1983 and became its first international partner in 1993. Over the past 33 years, we have supported the construction of more than 50,000 homes with more than $20 million in funding and $50 million in gift-in-kind product donations.

Keep America Beautiful
Dow joins with communities around the country to host Keep America Beautiful’s signature event, the Great American Cleanup. Dow has been a national sponsor of the Great American Cleanup, the largest community improvement program in the U.S., since 2008. Each year hundreds of Dow employees, their families and friends volunteer for park beautifications, litter cleanups, painting projects, recycling programs and planting trees and flowers.

PYXERA Global
PYXERA Global facilitates mutually beneficial partnerships between the public, private and social sectors that leverage the unique attributes of each to tackle complex challenges. Dow is one of 30 prestigious corporations who partner with PYXERA in implementing strategic global engagement programs, including signature efforts such as Leadership in Action and Community Impact Collaboratives.