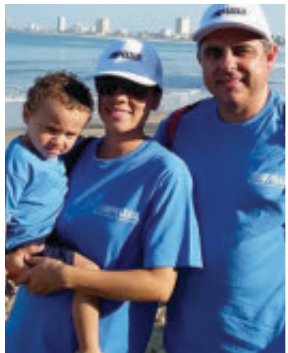




MAKE A DIFFERENCE



community engagement 2017

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A Message from Dr. Anne Roby

At Praxair, our employees truly care about giving back to our global communities. It is my pleasure to share with you some of the inspiring examples of this commitment to community engagement in 2017.

Our Community Engagement metrics for 2017 demonstrate a strong level of volunteerism and dedication from our employees. I am proud to report that Praxair's global teams:

- participated in 433 projects, representing more than 18,000 individual instances of volunteerism
- contributed more than 87,000 hours of their time
- donated approximately 100,000 pounds of food and 39,000 pounds of clothing
- planted 44,000 trees

Most importantly, our employees had a positive impact on the lives of more than 355,000 people worldwide, representing more than 13 beneficiaries for every Praxair employee. While doing so, we strengthened the bonds among our employees, our company and our communities.

I hope you enjoy these highlights of Praxair's 2017 Community Engagement program. They represent an important part of our culture at Praxair and clearly demonstrate how our teams are *making our planet more productive* through community engagement.

Sincerely,



ANNE K. ROBY, Ph.D.

Senior Vice President, Praxair, Inc.



Community Engagement at Praxair

Community engagement is part of the Praxair culture. Social and environmental responsibility is one of Praxair's core values, and the practice of working within and for the benefit of our communities is consistent with our mission of *making our planet more productive*.

Community engagement activities occur within both corporate-led initiatives and employee-led projects.

Regardless of the type of project, our strategic direction remains:

DEEPEN our impact from corporate philanthropy by supporting our local communities in priority areas of education, diversity and the environment.

ENGAGE employees by fostering opportunities that build camaraderie and give them the freedom to participate and support local community building.

DRIVE sustainable impact by furthering projects in areas complementary to our business and mission, thereby increasing the opportunity to leverage Praxair's expertise and resources to develop creative solutions.

At Praxair, community engagement is practiced in all operations across the globe and is focused in the core areas. We endeavor to be both intentional and impactful with our efforts.

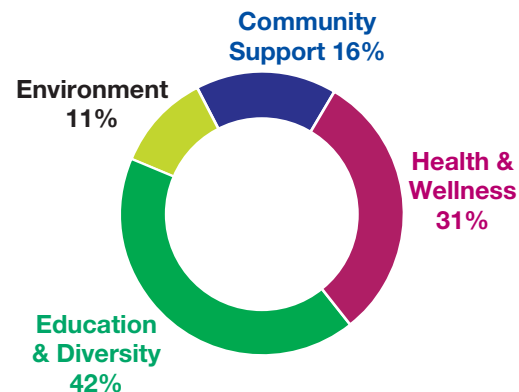
The goal of all community engagement efforts is to achieve multiple benefits for many stakeholders, both external and internal. In the ninth year as a formal effort, we continue to see a strong level of employee volunteerism directly addressing identified needs with measurable impact.

Understanding community need is critical for intentional community investment. Our employees and teams pay close attention to local needs, through activities such as joining community committees, attending local town meetings, hosting public community events and/or engaging with relevant non-profit organizations.

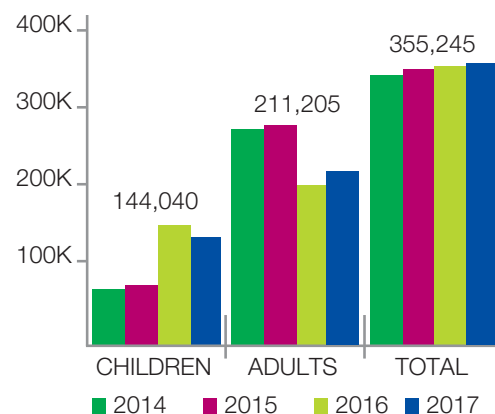
Praxair measures the impact of our Community Engagement programs. In employee-led programs, teams consistently report that beneficiaries experience improved quality of life. Additionally, employees report growth in their own management skills and an increased awareness of community needs.

Corporate-led community engagement, such as workforce development, has contributed directly to increased skill development of trainees, as well as their employability and greater potential for self-sufficiency. All of these strengthen the social and economic fabric of communities where we live and work. A snapshot of this impact is provided on page 17.

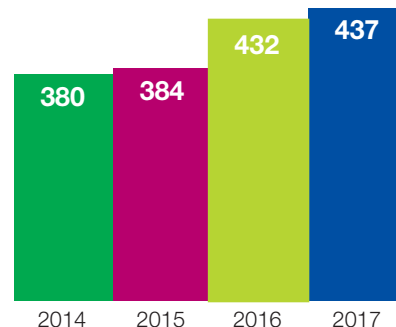
PROJECT FOCUS



NUMBER OF BENEFICIARIES



NUMBER OF GLOBAL SITES PARTICIPATING



355,245

BENEFICIARIES GLOBALLY



PROJECTS COMPLETED

4 ✓✓✓✓✓



39,000 POUNDS
of CLOTHING DONATED

61,455 STUDENTS SUPPORTED

100,000 pounds
of food donated



437

SITES
PARTICIPATING

18,571 individual instances
OF VOLUNTEERISM

87,053 hours
contributed



13 BENEFICIARIES

for every 1 employee (13:1)

\$1 MILLION

CASH & IN-KIND CONTRIBUTIONS
BY EMPLOYEES
AND FACILITIES



MORE THAN
\$15MM
(cumulative)
increased
EARNINGS
POTENTIAL
for Skills Pipeline
WELDERS

44,000 TREES

planted
through
community
engagement
efforts



All Hands on Deck

CORPORATE OFFICES – TONAWANDA, NY



The Praxair team signs the final board before completing the walkway on the USS Croaker.

THE NEED

Despite limited resources, national treasures must be maintained so future generations can enjoy and learn from them.

THE RESPONSE

The Buffalo and Erie County Naval Park is a museum that promotes education of U.S. naval and military history. The park houses three vessels: USS Croaker, a World War II submarine listed on the National and New York Registers of Historic Places; USS The Sullivans, a ship designated as a National Historic Landmark; and a second combat ship USS Little Rock. Educational programs commemorate and honor veterans' contributions to history for nearly 70,000 visitors each year.

The park is operated by veterans and has limited resources for ongoing maintenance, so painting the vessels and

landscaping its ample greenspaces were top on the list as the local Praxair team planned an annual volunteer event.

As they worked with the museum to plan, the team quickly learned of several public safety issues. Resolving these became the focus of the volunteer project.

Over four days, employees repainted deteriorating non-skid walkways, which are especially important on the two ships considering the high precipitation level typical in the Buffalo area. The team also replaced the submarine's wood walking deck. At 40 years old, the wood was deteriorating, with buckling boards and rusty screws.

The large team of more than 100 employees is proud to make this public treasure safer and more accessible for visitors. They are already working with the museum to plan future volunteer efforts.

MAKING OUR PLANET MORE PRODUCTIVE

By increasing accessibility to a public national treasure.

COMMUNITY SUPPORT

Beach Cleaning Day

PRAXAIR MEXICO – MULTIPLE SITES

THE NEED

Plastic products discarded on beaches threaten waterways and ecosystems.

THE RESPONSE

Sometimes the need for community involvement can be seen, literally, right outside the window.

That is the case for some employees in Mexico who live near the coast and have seen plastic litter on Mexican beaches. Employees in Veracruz near the Atlantic coast and in Sinaloa near the Pacific coast organized to help address the problem.

To alleviate the immediate issue, employees organized to clean up the beach. Working on a weekend with family, friends and others in the community, dozens of employees gathered plastics and other litter from local beaches, amassing more than four tons of garbage.

The project went one step further to help reduce waste before reaching the shores. Teams participated in awareness events to enlighten the community about environmental responsibility. Hopefully, these efforts will reduce the amount of waste generated and promote responsible disposal practices.

These efforts are fully consistent with Praxair's emphasis on environmental conservation and Zero Waste culture. The teams' efforts will hopefully help to protect marine life and make the beaches safer for people who visit and play.



Employees and families enjoyed the volunteer day at the Mazatlán beach.

MAKING OUR PLANET MORE PRODUCTIVE

By creating a clean habitat for aquatic life.

Bomberos Voluntarios

PRAXAIR SOUTH AMERICA – ARGENTINA



The volunteer firefighters from Ingeniero Maschwitz gather together.

THE NEED

Community organizations may lack resources to achieve their goals.

THE RESPONSE

Often, skills acquired in community engagement activities are complementary to on-the-job skills.

Praxair's Chemical Technician Guillermo Capdevila might just agree.

Guillermo has worked at the COBA site for 22 years. Outside of work, he is also a volunteer firefighter in the town of Ingeniero Maschwitz, serving the community without compensation. Guillermo is an assistant principal director of the volunteer organization, which is responsible for an area

of about 30,000 people. He trains volunteer firemen locally as well as those from approximately thirty fire stations in the north region of the province of Buenos Aires.

The volunteer fire organization responds in the wake of natural disasters, accidents or intentional acts. Support from Praxair helps to purchase new equipment and materials, ultimately helping the volunteer fire organization to better assist the community.

The focus on safety during volunteering mirrors the focus on safety at Praxair. Guillermo started the emergency brigade at the COBA site and led the brigade for ten years. All together, these activities at work and during volunteering reinforce a culture of safety wherever we are.

MAKING OUR PLANET MORE PRODUCTIVE

By providing resources such as training and equipment to enable organizations to keep the community safe.

COMMUNITY SUPPORT

Breaking the Stigma Around HIV

PRAXAIR ASIA – INDIA



Students, representatives from the Mahesh Foundation and members of the Praxair team celebrate the new Praxair classroom.

THE NEED

India has the third largest population of people living with HIV infections in the world. Children born with HIV are often shunned or abandoned.

THE RESPONSE

Praxair teams want to make long-term impact through community engagement.

For four years, Praxair India has engaged with the Mahesh Foundation. Located near the areas of Belgaum and Dharwad, the Foundation is home to nearly 50 children suffering from HIV/AIDS who are without homes. Its goal is to not only support the children's health, but also to create a nurturing living environment for their development.

In addition to supporting the education and care for 20 children who call Mahesh's center home, Praxair donations have

helped the center to expand, creating increased living space and reducing the spread of infections. The Foundation credits Praxair's support as contributing to its decreased mortality rates for children in its care; the center has lost no children in the last six years.

Employees regularly visit with the children to provide moral support. Teams also conduct drives to donate essential items such as clothing, toys and school supplies to the center's children as well as those from neighboring areas.

Employees also lend their talents and business skills to the organization. They also helped the Foundation plan a new school in Belgaum—from envisioning the new facility to estimating, construction planning and scheduling. This next addition will help the Foundation continue to provide a nurturing environment where the children's physical, emotional and educational needs can be addressed.

MAKING OUR PLANET MORE PRODUCTIVE

By helping abandoned and orphaned children have a healthy, safe and dignified start.

HEALTH & WELLNESS

MLK Day Literacy Kits

CORPORATE OFFICES & HYCO – THE WOODLANDS, TEXAS

THE NEED

According to the National Center for Education Statistics, children in poverty have fewer books at home as compared to peers from higher income families. This may lead to lower development of early literacy skills.

THE RESPONSE

Each year, Praxair sites in the U.S. are encouraged to commemorate the Dr. Martin Luther King, Jr. holiday with programs and community engagement activities. Consistent with the Holiday's focus on service, many sites focus efforts to help underserved populations. It is a great opportunity to work with local schools to help provide resources to supplement the standard curriculum.

For the last two years, the Sierra Pines team has donated books or assembled literacy kits for local children. This year's collaboration was with Sam Houston Elementary School in Conroe, Texas. Sam Houston is designated as one of the U.S. Title I schools, which have a high number of students from low-income families. The school has intervention programs in place for math, reading and writing.

Literacy kits include books along with a special note penned by members of the Sierra Pines team to encourage the young readers. This year, the forty-person team assembled 160 kits.

The team hopes that the kits will not only spur early reading skills, but also that the content will foster a lifelong love of books for the children and their families.



The team enthusiastically stuffs bags for young readers!

MAKING OUR PLANET MORE PRODUCTIVE

By building skills and imagination for young readers.

DIVERSITY

Painting Day at Laurel Middle School

PRAXAIR SURFACE TECHNOLOGIES (PST) – ELLISVILLE, MS



The PST team gathers after a day of painting.

THE NEED

Public facilities may lack resources for renovation.

THE RESPONSE

The key to providing a new environment may be as simple as a coat of paint. So thought the PST Ellisville team located near Laurel, Mississippi.

Many PST employees' children attend Laurel Middle School, home of the Tornadoes. The building had not been painted in more than a decade, and the interior walls were showing significant wear. The PST team decided to paint the school over the summer, so that the children returning for the 2017-2018 school year would be welcomed into a new environment.

Led by Plant Operations Manager Mark Kolvites, twenty-six employees worked for several days to paint the entire

interior. The team hoped that creating a more cheerful space would instill school pride and encouragement for the students – experts agree. Research suggests that creating bright environments is one element of an environment conducive to learning and instruction.

The staff was excited to welcome nearly 700 students to the newly refreshed facility.

The team hopes their work helps to make the middle school an amazing place for learning and growth.

MAKING OUR PLANET MORE PRODUCTIVE

By supporting schools in our communities.

Praxair Hockey Tournament for Heart and Stroke

PRAXAIR CANADA – MULTIPLE SITES



Sean Durbin (left), President of Praxair Canada, delivers the President's Award to the North/East team.

THE NEED

According to Canada's Heart & Stroke Foundation, one person dies every seven minutes in Canada from heart disease and stroke.

THE RESPONSE

Community engagement events often give employees the opportunity for increased camaraderie, especially for those working in disparate locations and jobs. Such is the case with Praxair Canada's annual hockey tournament, which has served as an employee engagement event for decades. The event was recently designated as a charity fundraiser to help employees rally around a cause close their hearts: raising awareness of heart disease and stroke.

Held in Brampton, the tournament brings together employees from all positions and business units within Praxair Canada. All skill levels, ages, and genders are encouraged to participate and novice players are welcome. Eight teams

from across Canada participated in this year's hockey tournament, and colleagues quickly became teammates and fans. This year's tournament was especially heartfelt as it was played in tribute to two employees who passed away this year.

Teams were recognized for fundraising as well as game results. Praxair Canada president Sean Durbin presented the winning trophy to the North team representing northern Ontario and Medigas.

Altogether, \$3,000 was raised for the Heart and Stroke Foundation. Matched 100% by Praxair's Global Giving program, the funds will help the foundation's awareness campaigns, educational programs and research.

Employees are proud of their impact on the health of fellow Canadians and they look forward to many more opportunities for camaraderie with fellow employees, family members and the community.

MAKING OUR PLANET MORE PRODUCTIVE

By bringing together employees to fund potentially life-saving health initiatives.

HEALTH & WELLNESS

Project Care

HYCO – MULTIPLE SITES



The HYCO Team is proud to support troops with care kits.

THE NEED

Deployed units often lack ample supplies of personal and convenience products.

THE RESPONSE

Sometimes the smallest things make a huge difference—especially when you're far away from home.

Bandages, pens, cleaning wipes, hand sanitizer, snacks, towels, sticky notes, q-tips, lip balm, eye drops, calendars, soap, tape—these were some of the items that soldiers from the Texas Army National Guard placed on their wish list. Stationed overseas in Afghanistan, the unit works to keep civil order while strengthening the skills of the local police force. Missions last for days to weeks on end, and such everyday items are helpful in the field.

It was a need that the HYCO team was proud to tackle. The Sierra Pines team reached out to all global HYCO sites to gather materials for the brave men and women. In all, the team collected \$1,000 in funds and materials—enough to assemble 27 care kits. More than 450 employees participated in the effort by donating materials and assembling kits.

The items were warmly received. “I have never experienced anyone reaching out to us in the manner you all have done... Everyone... was deeply touched and for a moment we were able to mentally escape our current surroundings and feel like kids on Christmas morning. God Bless you all,” wrote one soldier with 24 years of service.

However, no one felt better than the employees who are so proud of the men and women who selflessly risk their lives for their country.

MAKING OUR PLANET MORE PRODUCTIVE

By providing ordinary items to extraordinary heroes.

COMMUNITY SUPPORT

Relay Iowa

PRAXAIR DISTRIBUTION, INC. (PDI) – ANKENY, IA



Scott Rhein, PDI Customer Financial Services director and his wife, Lynn.

THE NEED

According to UNICEF, nearly 2 million orphans currently in South Africa have lost their parents to AIDS-related diseases.

THE RESPONSE

Long-term community engagement events are often sparked by one person who helps rally fellow employees around a newly discovered need.

That was the case in 2009, when Relay Iowa founder Bill Raine returned from South Africa with an idea to help orphans there. He reached out to PDI Ankeny director Scott Rhein, who quickly committed to the cause. Scott then passed the information along to his colleagues at Praxair. Eight years later, this latest relay raised \$55,000 compared to \$2,000 in the first year.

Relay Iowa is a non-profit organization benefitting Restoring Hope International, another non-profit founded by Iowans to

help South African orphans. Restoring Hope Village provides care and shelter for the children.

Relay Iowa is not a race, but a relay. In fact, relay organizers report that is the longest relay run in the United States. Held over three days, teams rotate throughout the relay, running more than 300 miles from Sioux City to Dubuque. The goal is for teams to work together to finish the course. Scott led the teams this year and emphasized the importance of the philosophy of working together for the larger goal. The organization receives a small amount of government grants, but these alone will not fund the children's care. Private donations from individuals, churches and organizations are essential to sustaining the operations.

Working together, the PDI Ankeny team hopes to continue to support the organization and spread the word to help children in need.

MAKING OUR PLANET MORE PRODUCTIVE

By raising funds to help children in need.

COMMUNITY SUPPORT

Restoration of Tolyatti Forest

PRAXAIR EUROPE – RUSSIA



The Praxair Russia team gathered together before the inaugural planting event.

THE NEED

Fires in 2010 destroyed thousands of hectares of the Tolyatti forest in Russia.

THE RESPONSE

During Praxair's annual Earth Week celebration, sites around the globe hold environmentally-friendly educational and community events. Hundreds of such programs, including many tree planting events, were held globally in April 2017. One very special example is the project championed by the Praxair Azot Tolyatti team.

The 2010 summer fires occurred in areas of western Russia during a major heat wave. The Portovy village in the Tolyatti region is still reeling from the effects of the fires and the loss of old growth trees in the Tolyatti Forest. In addition to their natural beauty, forest ecosystems help to maintain biological

habitats, retain water and offer recreational areas for those in the community. Replenishing the forest is a key goal for the region. After several years, large areas of the forest still remain destroyed and unplanted. Therefore, many charitable, public and private organizations have started working together on restoration plans.

Praxair's team of ten employees joined a large effort to plant 25,000 seedlings over five hectares. This first event, lasting five hours, was just the first of many anticipated steps to rebuild the wasteland. In the future, the Praxair Azot team plans to adopt several acres of the Tolyatti Forest, purchase more trees for reforestation and help with their care.

MAKING OUR PLANET MORE PRODUCTIVE

By helping to restore natural areas so that future generations can enjoy the environmental benefits.

STEM Across America

U.S. INDUSTRIAL GASES (USIG) – MULTIPLE SITES

THE NEED

Based on trends in recent graduation rates, the United States President's Council of Advisors on Science and Technology projected a skills deficit. The workforce will need a million more science, technology, engineering, and math (STEM) professionals in the next decade than will be available.

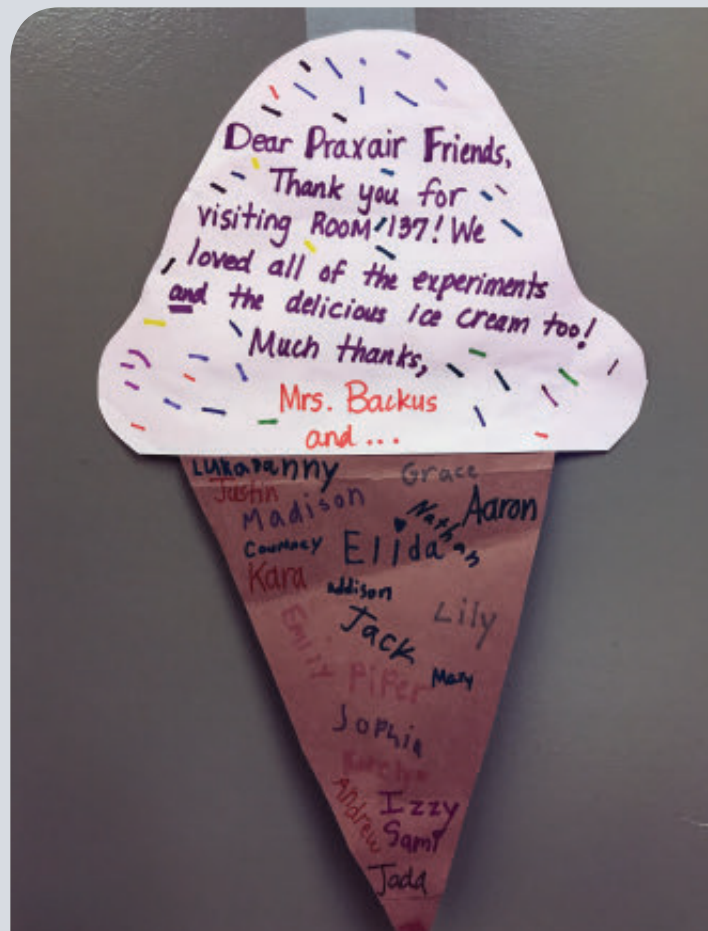
THE RESPONSE

USIG plants produce atmospheric gases such as oxygen and nitrogen. These employees use STEM skills every day, and they wanted to find a way to get youth excited about STEM and associated career paths. So they decided to go "on the road" and bring opportunities to kids.

A planning team created an interactive presentation explaining uses for atmospheric gases such as oxygen and nitrogen that Praxair produces. Connecting topics to school curriculum, they explored principles including freezing, combustion and photosynthesis.

Working with the Boys & Girls Clubs of America and other youth organizations and schools, USIG team members arranged visits in communities where Praxair has plant operations. Hands-on activities make science and math applications real for young participants. While learning a little about producing gases, the students have an opportunity to produce something fun— ice cream using liquid nitrogen!

In 2017, USIG teams presented more than 75 STEM demonstrations across the contiguous U.S. and territories including Puerto Rico. These presentations reached more than 5,000 students who may be the key to the next generation of STEM applications and innovations.



USIG received a big thank you from some little scientists!

MAKING OUR PLANET MORE PRODUCTIVE

By illuminating career possibilities for students that can help fill a looming skills deficit.

EDUCATION

About Praxair's Community Engagement Awards

Praxair recognizes excellence in employee-led community engagement efforts through its annual Community Engagement Awards Program.

Each of the projects profiled in this booklet exemplify the dedication and creativity our teams give to every effort. Global finalists are nominated by each Praxair business and/or region, which also selects a business/regional winner. The projects profiled and pictured within this booklet are among more than two dozen finalists.

During the award process, projects are reviewed in five key areas:

- Need
- Execution: Method(s) used to address need and level of employee engagement
- Enduring impact
- Ability to replicate globally
- Degree to which the project complements Praxair's mission

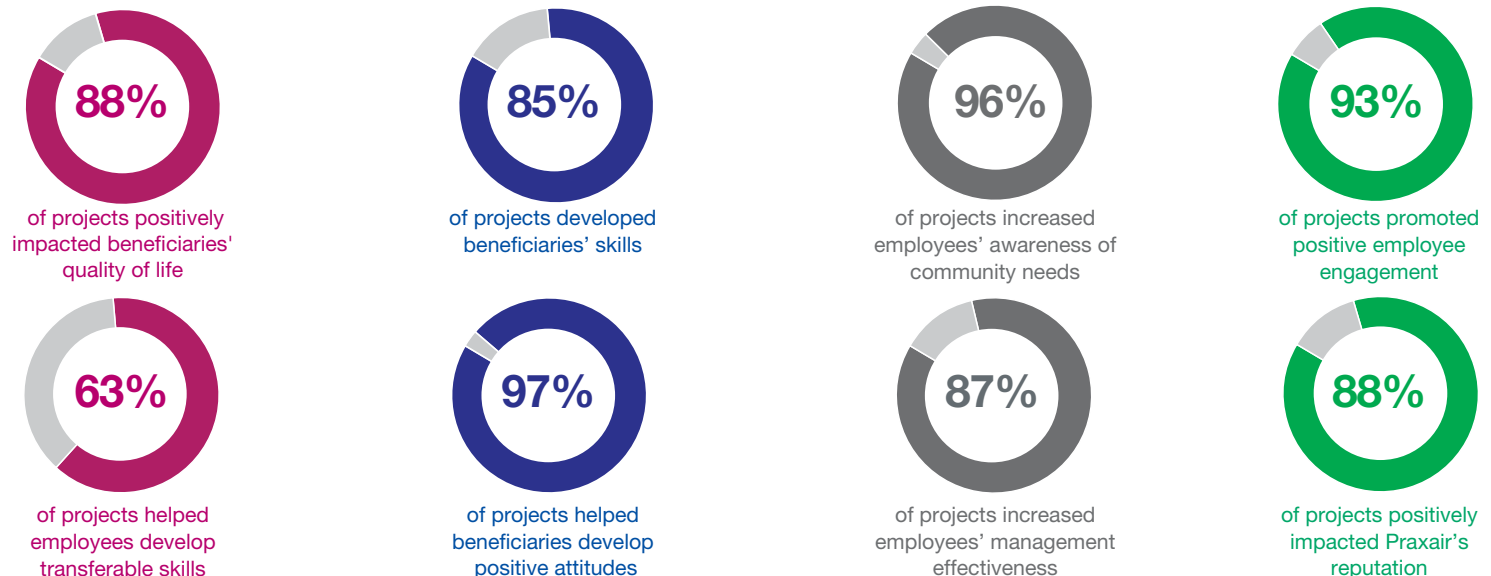
In addition, Praxair businesses and functional groups are assessed based upon the degree to which they further Praxair's culture of community engagement. All project teams are recognized by Chairman & CEO Steve Angel, and all finalists receive an award. Four global winners and a Chairman's Award are announced each January at Praxair's Global Leadership Conference.

To deepen the long-term impact from previously successful efforts, each of the regional and global winners receives a substantial cash award to be redirected to the project.

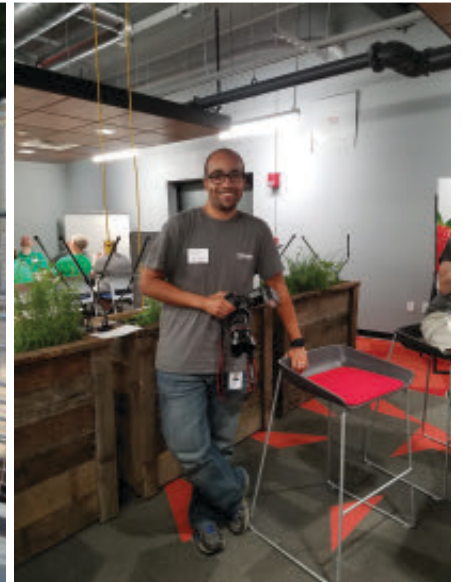
Impact in 2017

Measurement and continuous improvement are keys to project success. In order to realize impact, Praxair includes the consideration of needs assessment for all community engagement efforts, and assesses key metrics for community engagement projects. Praxair continues to measure the results of employee-led community engagement projects using a methodology developed by the London Benchmarking Group that measures input, outputs and impacts. These metrics are key considerations in the annual review of projects for the Community Engagement Awards.

The following represent some of the impact measurements for 2017 projects:



For more information about the Community Engagement Program or Award, please contact Tamara Brown, director, sustainable development and community engagement, at: tamara_brown@praxair.com.







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