Alcoa Foundation: Celebrating 64 Years of Giving
As a proud employee of Alcoa, and President of Alcoa Foundation, this letter is a bittersweet one for me to write. After 128 years as one of the world’s great organizations, Alcoa will separate into two premier companies by the end of 2016. Not many organizations can say they’ve been around for as long as ours, let alone have bragging rights for decades and decades of continuous, ground-breaking, industry-creating innovation. More than a century before the Ford F-150 truck took on so much aluminum content, Alcoa was light-weighting passenger cars and providing the aluminum that allowed the nascent aerospace industry to take flight. Sixty-four years ago, Alcoa Foundation was one of the first corporate nonprofits to invest resources in the communities where it operates globally—often leading with pioneering approaches to community engagement, impact and enhancement. Those investments were made for the long-term, and their impacts are still palpable and deeply valued in Alcoa communities around the world.

While there are too many technology and other “firsts” to list here, the thread that runs through all of them is this: Alcoa, Alcoa Foundation, and its employees have made an indelible mark on the world. And now, as two new robust companies emerge—Arconic and Alcoa Corporation—I believe that this represents an exciting evolution in our histories. Alcoa and Alcoa Foundation have had a great run, and now we are eager to begin our next chapter.

While Rosa García Pineiro, a long time leader in Alcoa Europe will lead the new foundation for Alcoa Corporation (with significant investments planned in the sustainability area), I am delighted for the opportunity to lead Arconic Foundation after the separation is finalized. Our principal investment theme will be education, with an emphasis on STEM education and skilled workforce training. We will continue to create access and opportunity in STEM careers and advanced manufacturing for women and girls, African Americans, Hispanics, Veterans, and other under-represented groups. As the philanthropic arm of one of the world’s leading advanced manufacturing companies, Arconic Foundation will work to ignite a passion for science, engineering and technology in young people, open their eyes to STEM career possibilities, equip them to succeed in those fields, and help to close the skills gap that too many countries still experience in their labor pools and economies.

New beginnings like ours have a way of triggering reflection—a look back at where we have been—and mindfulness about which aspects of our legacy we will take with us. Both Arconic and the new Alcoa Corporation will face the future with a heritage of strong values—a “true north” that is rooted in respect for the individual, a spirit of openness and transparency, and an ethical approach in all that we do, particularly in our communities around the world.

On behalf of the staff and Board of Alcoa Foundation, thank you for your partnership throughout the years. Enjoy this look back at 2015, and a bit of Alcoa Foundation history.

Sincerely,

Esra Ozer
President
Alcoa Foundation (Arconic Foundation, post-separation)
Thank You

Thank you to our Board Members for their dedication, service and guidance.

John (Jack) D. Bergen  
Vice President, Corporate Projects

Otavio Carvalheira  
Vice President, Commercial & Business Development, Alcoa Mining

Nicole Coutu  
President and Plant Manager, Aluminerie de Bécancour Inc.

Daniel Cruise  
Global Vice President, Business Development and Government Affairs

Roy Harvey  
Executive Vice President, Alcoa; President of Global Primary Products

Shauna Huang  
Vice President, Corporate Affairs, Alcoa China; Board Director, Alcoa China

Glenn Miller  
Chief Financial Officer, Global Rolled Products

Tim D. Myers  
Executive Vice President and Group President, Alcoa Transportation and Construction Solutions

Vas Nair  
Executive Vice President, Human Resources, Environment, Health, Safety and Sustainability

Michelle O’Neill  
Vice President, Government Affairs and Trade Policy

William (Bill) F. Oplinger  
Executive Vice President and Chief Financial Officer

Michael Parker  
Chairman and Managing Director, Alcoa of Australia Limited; President, Alcoa Refining and Australia Region, Alcoa

Dale Perdue  
Assistant General Counsel, Alcoa (Retired)

Rosa García Pineiro  
President, Alcoa Spain and Sustainability Director, Europe

Vitaliy V. Rusakov  
President, Alcoa Fastening Systems & Rings

Maxim Smirnov  
President, Alcoa Russia
Alcoa Foundation invests in hundreds of communities around the world—where Alcoa has a presence—to address local needs in a rapidly changing world.

All of our funding and engagement priorities are guided by two key themes:

- **Environment**
  Drive measurable and systemic improvements in environmental sustainability through best practices in environmental management and pioneering solutions.

- **Education**
  Support STEM education and advanced manufacturing workforce training as a path to sustained economic vitality around the world.

One-half of Alcoa Foundation’s budget is earmarked for our global signature partnerships. The balance is allocated to Alcoa operating locations that develop hands-on, localized strategies to address specific community needs and interests.
### Impact

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<tr>
<th>Promote environmental stewardship</th>
<th>Prepare tomorrow’s leaders</th>
<th>Engage our employees</th>
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<tr>
<td>Contributed $6.6 million to environmental causes</td>
<td>Contributed $12.6 million to education causes</td>
<td>600,000 service hours volunteered</td>
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<td>496,462 tons of CO₂ reductions</td>
<td>32,014 teachers, counselors and administrators trained received STEM-related training</td>
<td>47% employee participation in Alcoa’s annual Month of Service</td>
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<td>112,210,364 kWh of energy reduced</td>
<td>1,591,357 students completed STEM-related training</td>
<td>$4 million raised for nonprofits by Alcoa employees through participation in dollars for doers programs</td>
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<td>41,803 tons of material recycled</td>
<td>13,098 schools impacted with STEM-related training</td>
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<td>31 bodies of water protected</td>
<td>118,879 students participated in programs designed to improve academic performance or skills</td>
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<td>442 acres of land protected</td>
<td>3,681 students pursued training towards manufacturing careers</td>
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<td>277,176 trees planted</td>
<td>260 students pursued training or education towards engineering careers</td>
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<td>1,885 individuals secured employment or improved their employability in manufacturing careers</td>
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<td></td>
<td>171 individuals secured employment or improved their employability in engineering careers</td>
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<td>9,836 individuals improved their general employment status</td>
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Impact

Promote environmental stewardship

NatureBridge Alcoa Scholars are diverse high school students from Alcoa communities around the globe who are selected to spend two weeks at a U.S. National Park for hands-on learning in environmental science. The mix of backcountry travel, bonding with an international community, and outdoor experiential learning provided by Alcoa Foundation partner, NatureBridge, helps shape Alcoa Scholars to become sustainability ambassadors when they return to their communities.

Prepare tomorrow’s leaders

Engineering For Kids Director, Ron Hoagland of Chandler, Arizona, proudly displays his organization’s newly acquired science kit materials. Alcoa Foundation partner, Bonneville Education Foundation (BEF), has traveled to Alcoa communities across the United States to implement its Solar 4R Schools program. BEF conducts professional development workshops for educators and provides reusable science activity materials for lessons in renewable energy science and technology.

Engage our employees

Alcoa employees from Toulouse, France, volunteer alongside community members and a local environmental nonprofit organization, planting nearly 90 native trees near a national highway. Between January and June 2016, 7,000 Alcoans participated in 1,291 service events around the world, volunteering with more than 1,000 nonprofits.
Disaster Relief

Alcoa Foundation disaster relief grants support relief and recovery in communities where Alcoa operates. Alcoa and Alcoa Foundation work together to anticipate local needs and establish contact with nonprofits and disaster relief agencies in the event of a disaster.

April 2015

Alcoa Foundation partnered with international health nonprofit Jhpiego to provide infectious disease preparedness training for health care workers in the Boké Region of western Guinea, where Alcoa operates. The program sought to build on and complement efforts to contain and prevent the spread of Ebola in the West African country. A series of five-day training sessions were conducted with participation by more than 185 health care providers in three local health facilities that serve 207,000 Guineans. In post-training follow up visits, trainers provided coaching to further improve practices such as hand washing, waste management, and proper removal of protective equipment, and each of the three health facilities received a three-month supply of materials to support infection prevention and control.

May 2015

Alcoa Foundation responded to severe weather conditions impacting the Midwest United States and Mexico with two emergency disaster relief grants. In Texas, relentless storms, flooding and tornadoes led to multiple fatalities, thousands of destroyed homes and widespread loss of power. A grant to the American Red Cross supported relief efforts across Texas, including six counties in the state where Alcoa has operations. The extreme weather also hit the Mexican border city of Acuña, when a severe thunderstorm and a ferocious tornado claimed the lives of 14 people and caused hundreds of injuries and destroyed homes. Alcoa Foundation supported Club Rotario de Acuña to aid local relief efforts.

Awards

- Bloomberg LP and Points of light recognized Alcoa as one of America’s most community-minded companies in The Civic 50, an annual initiative that identifies and recognizes companies for their commitment to improve the quality of life in communities where they do business.

- The Manufacturing Institute awarded Alcoa’s Megan Benadum, Danielle Berndt, and Leslie Suffredini each with the Women in Manufacturing STEP (Science, Technology, Engineering and Production) Award. The STEP Awards recognize women who have demonstrated excellence and leadership in their careers and who represent all levels of the manufacturing industry, from the factory floor to the C-suite.
Alcoa Foundation is established on November 17, 1952, with an initial investment of $16.9MM by Alcoa.

The Sons and Daughters Scholarship Program is launched. Since its inception, Alcoa Foundation has granted 3,847 scholarships valued at more than $20.6 million to the children of Alcoa employees around the world.

The Foundation’s first international grant is awarded to the Centre de Recherches Européennes in Lausanne, Switzerland.

Alcoa Inc. makes three $5 million investments in Alcoa Foundation’s endowment during these years.

Alcoa Foundation creates Allegheny works, a five-year $1 million community-advised initiative for workforce readiness, employment and literacy programs to be carried out by grassroots Pittsburgh, Pennsylvania NGOs.

Alcoa Foundation begins earmarking dollars for locations to support community-based nonprofits that meet local needs.

The Foundation creates ACTION (Alcoans Coming Together In Our Neighborhoods) and Bravo! Programs to encourage and reward team and individual employee volunteer efforts. The Foundation also launches its signature initiative in the areas of conservation and sustainability with multi-year grants to the National Fish and Wildlife Foundation, The Nature Conservancy, World Resources Institute, and World Wildlife Fund.

Alcoa and Alcoa Foundation celebrate the Centennial of Flight with the National Air and Space Museum, funding the major exhibition, “The Wright Brothers & the Invention of the Aerial Age,” and community-based programs that use flight to teach science and engineering to middle school students.
A Tradition of Giving (cont.)

2004
Alcoa Foundation begins to measure its contribution to Alcoa Inc.’s social impact as part of the Global Reporting Initiative.

2007
A record giving year for Alcoa Foundation, awarding grants with a total value of US$28.3 million.

2008
Alcoa Foundation’s Make an Impact Program launches in the U.S. through a partnership with C2ES (Center for Climate and Energy Solutions), helping Alcoa families and neighbors identify more than 40 million pounds of carbon savings.

2010
Alcoa Foundation aligns its strategy with the Company’s sustainability and business priorities around Environment and Education.

2012
Alcoa Foundation launches Alcoans in Motion, an employee engagement program designed to support teams of Alcoans who participate in wellness events for charity.

2013
In recognition of Alcoa’s milestone 125th anniversary, Alcoa Foundation launches Internships for Unemployed Youth, a global initiative. Working with local nonprofit organizations in eight countries to create robust workforce readiness programs, more than 500 young people secure internships with small- and medium-sized manufacturers.

2014
Alcoa Foundation launches a major partnership with Discovery Education and brings the world of advanced manufacturing to students across the United States. Its first-ever Virtual Field Trip is broadcast from Alcoa’s largest US plant in Davenport, Iowa, and premieres on National Manufacturing Day. It is seen by 150,000 students from 4,000 schools across the country both live and on the site, manufactureyourfuture.com.

2015
Alcoa Foundation celebrates its Tenth Annual Month of Service. Alcoa employees from 23 countries participate in nearly 1,000 service projects, dedicating 80,000+ hours.
Thank you Alcoa!