



**MAKING A
GLOBAL
IMPACT**

I am proud to share our seventh annual Corporate Social Responsibility Report, reflecting on last year's achievements, as well as those to date in 2017. Sustainability is one of the cornerstones of our mission of innovating for a healthier world, and we continue to look for creative ways to increase our sustainable impact, while also enhancing our volunteerism. Several highlights from across our three pillars include:

- **Community Impact:** Evolving our volunteer efforts to bring employees together across the globe on one designated day, reinforcing the true impact of our work. Our contributions in 2016 included helping local organizations pack, sort and distribute over 25,000 pounds of food to families in need, and removing over two tons of garbage from rivers, beaches and parks.
- **Eco-Innovative Products:** Collaborating internally to advance how we design and develop new products to minimize health and environmental impacts. For instance, our recently launched Avio® 200 ICP-OES, which is used for multi-elemental inorganic analysis, has the lowest argon consumption of any ICP on the market.
- **Sustainable and Ethical Business Practices:** Brainstorming novel ways to conserve water and energy around the world. In 2016, we reduced carbon emissions from fleet vehicles by 8% compared to the previous year.



On PerkinElmer's inaugural Impact Day, I witnessed first-hand the passion of our employees who participated in an activity at our Seer Green, UK site. In support of the British Heart Foundation, we filled 50 bags of items for their charity shops during the "Bag It, Beat It" event. The proceeds from the bags sold helped fund research to improve the diagnosis and treatment of heart disease.

Whether through these kinds of charitable endeavors, or through strategic partnerships and customer relationships, we connect with like-minded organizations that complement our expertise, resources and reach to make the greatest impact. By working together, we have the profound potential to solve some of the most significant societal challenges. It's because of our employees, who are supported by a work environment that encourages them to be at their best, that these goals are possible.

We also find inspiration at PerkinElmer in our legacy of helping improve lives over the past eight decades. While looking back on our incredible achievements and breakthroughs over the years, we also look ahead to the future. The issues impacting health and the world around us have become more complex. While we continue to innovate for our customers to help them address these challenges, it is also more important than ever before that we do our part to meet these needs within our communities.

As active corporate citizens, our 9,000 employees and counting are committed to working at the forefront of making a global impact, for the better.

A handwritten signature in black ink, appearing to read "R. Friel".

Robert F. Friel
Chairman, Chief Executive Officer and President,
PerkinElmer, Inc.



Our mission to innovate for a healthier world guides everything we do – from how we conduct our business to the way we engage the communities we serve.



Above: Employee in Madrid, Spain participated in a paper-recycling workshop at the Konecra Foundation for adults with intellectual disabilities

By living our core values, being mindful of our impact, and developing solutions that support the quality and safety of our environment, we ensure that the way we engage with our customers and communities is just as impactful as the solutions we provide.

As active corporate citizens, our colleagues around the globe hold a steadfast commitment to improving outcomes in our communities together. Our approach to corporate social responsibility is driven by three pillars:

Community Impact

We bring positive changes into our communities by acting as responsible corporate neighbors. Through volunteerism and strategic philanthropic partnerships, we team up with each other and with our customers to make a difference around the globe.

Eco-Innovative Products

Every day, we work to design and develop “eco-innovative” products that address customer needs and minimize adverse health and environmental impacts.

Sustainable and Ethical Business Practices

We operate our facilities in a manner that ensures the health and safety of our employees, the public, and the environment. Additionally, we hold ourselves to the highest standards of ethics and integrity while remaining in compliance with the law.



Community Impact

Above: Employees in Japan hosted a workshop designed to teach 48 elementary students about how acid rain impacts the environment

Our work to help create a healthier world extends beyond just the solutions we provide. It also applies to how we support local organizations and communities. We encourage our employees to give back in ways that are meaningful and sustainable.

When we consider the effects of our volunteer efforts, they are more than just the number of employees who helped and the hours devoted – our work has lasting impacts across our communities. That’s why in 2016 we renamed the former Community Involvement pillar of our corporate social responsibility program to Community Impact.



Inspiring Young Minds

A group of 20 high school students pursuing science, technology, engineering, and math-related fields visited our Seer Green, UK site to gain hands-on experience. Our employees exposed the students to real-world applications of our spectroscopy instruments, which are used to detect, analyze, and measure inorganic elements in a variety of environmental samples. The group also learned about product development and marketing plans tailored for these types of applications.



Pedaling for a Cause

Our Shelton, Connecticut site completed its fifth annual cycling fundraiser for the local Parent Child Resource Center, a non-profit organization committed to nurturing families’ physical, emotional, and behavioral health. Participants cycled a total of 617 miles and also sponsored on-site wellness activities.



Preserving Nature in Germany

A team of 40 employees from our Walluf and Rodgau, Germany sites spent a day clearing, planting, and sprucing vegetation at the Cyperus Natural Park, a three acre reserve home to countless animals and more than 300 plant species. In preparation for springtime visitors, employees also renewed walkways throughout the park, built a new stairway, and restored a wooden ceiling in the park’s conservatory building. They rounded out the day by removing a significant amount of weeds from two lakes surrounding the nature reserve.



Planting Trees in Mongolia

Over 300 employees partnered with Shanghai Roots & Shoots to sponsor and participate in the Million Tree Project, an initiative focused on driving positive environmental change in the region. The group not only raised funds for the organization, but also planted nearly 1,600 trees to increase awareness about climate change and land exploitation. This is the fifth consecutive year that our Shanghai site has supported the initiative, which has contributed over 17,000 new trees to help offset China’s carbon emissions.

Impact Day

In 2016, we changed the way we focus our community efforts, reflecting our revamp of the Community Involvement pillar. Most notably, we evolved our companywide volunteer program from For the Better Day to Impact Day. While we still encourage our employees to get out into their communities throughout the year, we introduced Impact Day as a way for all employees to come together on a single day and collectively give back to local organizations.

On our inaugural global Impact Day, over 2,400 employees supported causes in the areas of disease research, food safety, newborn health, and the environment. With projects spanning across the eastern and western hemispheres, we proudly touched lives and helped improve the environment.

We measure the success of Impact Day through the actual "impact" of our efforts around the globe. Highlights from 2016 included:

Disease Research:

- Prepared **30 packages** for those suffering from blood disease
- Walked over **260 miles** for Cystic Fibrosis
- Made over **500 calls**, staked **300 signs**, assembled **2,000 promise garden flowers** and packed **250 envelopes** for the Alzheimer's Association

Food Safety:

- Packed, sorted and distributed over **25,000 pounds of food** to families
- Served food to over **5,800 people**
- Harvested over **one ton** of produce

Newborn Health:

- Helped screen more than **40 babies**
- Packed and donated **14 boxes of meal kits** for new mothers
- Collected **55 bags of clothes** for newborns

Environment:

- Removed over **two tons of trash** from rivers, beaches and parks
- Planted **145 trees** and **300 plants**
- Removed over **25,000 pounds of weeds** and cleared **100 acres of land**



Fighting Hunger in the USA

From collecting frozen poultry to fresh produce, employees in Shelton, Connecticut made an impact at the Connecticut Food Bank by sorting, packing, and distributing over 9,000 pounds of groceries for residents who struggle with hunger. Together, their work helped serve 7,828 meals.



Protecting Nature in Belgium

Employees teamed up with NatuurWork, a sustainable landscaping organization, to beautify one of Belgium's most popular nature reserves. The group spent the day cleaning and cultivating over 42 acres of land to prepare for the growth of new vegetation. By refurbishing numerous bee apiaries and bird breeding sites, their efforts also helped maintain ecological balance in the area.



Providing Free Newborn Screenings in India

To commemorate Global Newborn Screening Awareness Month, employees organized free screening camps in eight local hospitals. Thanks to their efforts, doctors were able to screen over 40 babies and also educate new parents about the importance of a healthy start.



Caring for Chinese Families

Over 100 Shanghai and Beijing employees provided emotional support for families with children suffering from Fragile X Syndrome (FXS), a rare hereditary disease known to cause severe developmental delays. Employees also joined families and medical professionals for an educational seminar about caring for a child with FXS. The day ended with our employees taking a number of families on a tour of Disneyland.

Eco-Innovative Products

We design, develop and manufacture innovative products in a manner that minimizes adverse health and environmental impacts throughout the product lifecycle, while helping customers solve critical health challenges. We do this by enhancing product efficiencies, reducing materials and waste, and increasing the value of ownership for customers.

Designing Quality Products with Integrity

Our product design process incorporates a series of checkpoints that includes a review of energy use, weight, recycled content, consumables use, and packaging. Design engineers receive training on current and pending regulatory initiatives that may impact product design and use such as the Restriction of Hazardous Substances (RoHS), the Registration, Evaluation and Authorization of Chemicals (REACH) and the Waste Electrical and Electronic Equipment directives.



Making a Lighter Benchtop Footprint

The Quantulus™ GCT liquid scintillation counter enables highly sensitive detection of low-level radioactivity in both life science research as well as in environmental monitoring. This new model is 62% smaller and 76% lighter than previous generations, which provides needed flexibility and mobility in the lab. Our novel guard compensation technology enhances the discrimination of weak signals against background radiation. It also replaces massive lead shielding, which in turn reduces the use of an environmentally-taxing heavy metal.



Illuminating Samples with Minimal Energy

The new Operetta® CLS High-Content Screening System enables scientists to gain deep biological insight into disease using a wide range of assays and innovative applications. Additionally, this model introduces a new, energy-saving LED light source. Whereas the previous model used a 300W Xenon lamp to illuminate complex samples, the new Operetta system uses an innovative LED engine with only 10 watts of average power consumption. The LED light source also reduces waste by lasting at least 10 times longer than Xenon light bulbs.

Offering the Lowest Argon Consumption of any ICP

The Avio® 200 ICP-OES sets the bar as the world's most compact inductively coupled plasma optical emission spectrometer. Launched in 2016, the instrument has a footprint approximately 50% smaller than its predecessor, and its lighter weight translates into lower shipping costs and associated fuel consumption. As a direct result of PerkinElmer's patented flat plate technology, the Avio 200 ICP-OES features the lowest total argon consumption of any ICP on the market (only 9 L/min).





Sustainable and Ethical Business Practices

Above: Employees in Taicang enhanced workplace safety and manufacturing capabilities by redesigning their warehouse

The health and safety of our employees, the public, and local environments, is a top priority for PerkinElmer as a global organization. Every day, we are committed to conducting business with customers, business partners, shareholders and employees according to our high standards of ethics and transparency, and in compliance with the law.

Supplier Responsibility

Critical to developing innovative products is our ability to obtain high-quality, competitively-priced raw materials in a timely fashion so we can deliver for our customers. For this reason, we purchase chemicals, electronic components, metals, plastics, mechanical parts and other materials from thousands of global suppliers. When engaging these suppliers, we manage relationships in accordance with our [Standards of Business Conduct](#).

In 2016, we improved our data management systems to communicate with suppliers and to integrate RoHS compliance into our product development, purchasing, and manufacturing systems. Our improvements address the presence of chemicals designated as substances of very high concern by the European Chemicals Agency in connection with the REACH regulation.

Some of the products we manufacture contain tantalum, tin, tungsten, or gold, which originate from mines and smelters around the world. As a publicly traded U.S.-based company, we are subject to Securities and Exchange Commission requirements to investigate the supply chain for these materials.

Environment

Our approach to environmental management at our facilities includes:

- Applying integrated and systematic processes
- Sharing best practices across our operations
- Monitoring key environmental performance indicators
- Conducting periodic audits
- Performing environmental management reviews

We strive to operate more efficient facilities across the globe. Several of our major improvements in 2016 included:

- Implementing ISO 14001 and OHSAS 18001 standards at many of our sites
- Providing awareness training on required occupational safety precautions, both at our facilities and at those of our customers
- Refining operational indicators to monitor EHS performance



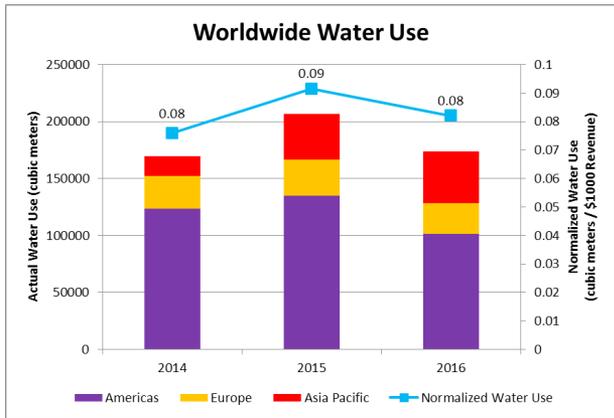
Boston Team Improves Environmental Performance

Employees at our Boston, MA site, which manufactures liquid reagents for life sciences research, identified multiple areas throughout the workplace where they could achieve substantial energy savings. The team launched two energy improvement projects to upgrade lab ventilation methods and reduce electricity usage. Their efforts yielded a 9.1% reduction in exhaust airflow across the building, decreasing the amount of electricity needed to power the heating and cooling system by a similar amount.



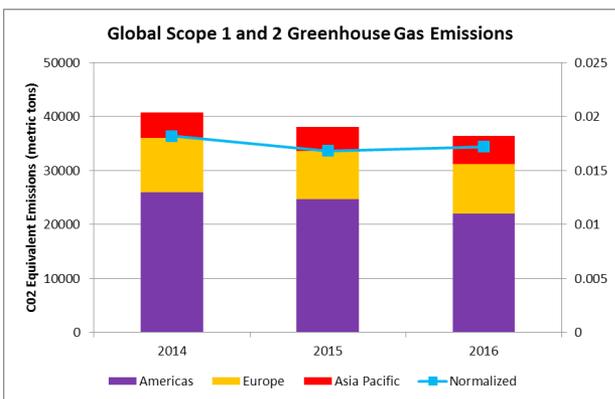
Groningen Site Reduces Carbon Footprint

In 2016, our site in Groningen, The Netherlands, which produces research reagents and supplies, identified multiple areas throughout the workplace where it could achieve substantial energy savings. Together, employees implemented a number of energy conservation methods to monitor electricity usage and update manufacturing procedures – decreasing energy consumption by 8%. The Groningen site now purchases renewable electricity from a hydropower source, which offers the lowest rate of carbon dioxide emissions of any available energy source.



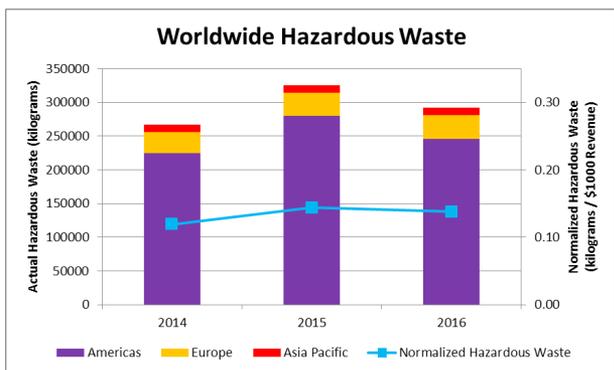
Water Usage

We continuously explore new ways to conserve water at our sites around the world. Our water supply originates from public suppliers, and our wastewater is handled by publicly-owned treatment facilities. During 2016, we saved 33,369 cubic meters across our sites – a 16% reduction.



Greenhouse Gas Emissions

Since 2015, we have decreased our greenhouse gas emissions by 4% or 1,641 metric tons. Contributors to this reduction include reduced fuel use by vehicles and lower carbon electricity in several U.S. states where we have manufacturing facilities. We continue to report environmental performance data to the CDP (formerly known as the Carbon Disclosure Project), an international organization that provides a disclosure system for the management of environmental data relative to climate change, water quality, and deforestation.



Hazardous Waste

Our manufacturing and laboratory facilities generate a variety of waste types that are classified as hazardous by local and national regulations. In the last year, our waste volumes declined by 10%. We will continue to adopt various waste reduction methods to manage chemical substances that pose a threat to human health and the environment.



Increasing Energy Efficiency in Taicang

The newest building on our Taicang, China campus includes a number of improvements focused on using safe and environmentally-friendly materials and processes. PerkinElmer project managers and designers introduced various energy conservation projects to maximize the building's environmental performance. Their ideas resulted in savings of over 1,300 tons of water, 70,000 Kwh of electricity, and 70 tons of carbon dioxide (CO₂) emissions. Other key improvements included using eco-friendly paints and incorporating high-efficiency particulate air filters throughout the building.



Our Workplace

PerkinElmer is a company that fosters innovation, knowledge-sharing, and collaboration for long-term success. We do this by attracting, retaining and engaging top talent at all levels of the organization, while producing a culture that fosters a respectful and diverse work environment. Every day, we strive to create a workplace where all employees have equal access to resources, programs, and networks that enable a differentiated employee experience. Our efforts include:

- Promoting leadership across all areas of the business
- Crafting a dynamic and innovative work culture
- Training employees for career development
- Supporting health, wellness, and work-life balance
- Fostering memorable employee experiences

Celebrating Diversity

As a global company, our ability to operate in a multicultural world is critical to our long-term sustainability. PerkinElmer is committed to creating an environment where the cultures, experiences, and perspectives of our employees are embraced and respected. We provide equal employment opportunities that allow all individuals to maximize their capabilities and enrich the value of our organization, regardless of race, national origin, religion, gender, sexual orientation, age, disability, or veteran status. Our diversified workforce fuels the innovative insights we provide our customers and global communities.



Industry Collaborations

The partner relationship is the heart of PerkinElmer's business because we know a healthier world can only be achieved by collaborating with others. We believe that by working together, our potential to solve some of the greatest societal challenges is boundless. We find ourselves inspired and driven by this potential not just in the workplace, but in every facet of our lives.



Collaborating to Jointly Discover Breakthroughs

PerkinElmer joined the Genome Institute of Singapore (GIS), a biomedical sciences research institute to open a lab set to develop a high-throughput screening platform to predict therapeutic sensitivity in tumor models to help bring precision oncology research results into the clinic. Our integrated solutions, coupled with GIS's knowledge and expertise, will unlock new doors in the future of applying precision medicine to cancer treatment.



Helping Kick-Start Research in Houston

We expanded our collaboration with Johnson and Johnson Innovation to provide JLABS at Texas Medical Center in Houston, a newly-opened life science incubator, with instruments, OneSource® services, on-site staff, training, and scientific application support to address the needs of 50 resident startups. This new lab builds on PerkinElmer's similar collaboration launched in 2015 at JLABS in South San Francisco.



Enabling Cutting-Edge Science for STEM Students

PerkinElmer boosted opportunities for students at Southern Connecticut State University by outfitting their new Academic Science and Laboratory Building with our high tech instrumentation. The technologies we provided benefitted a variety of academic disciplines, including nanotechnology, optics, biology, chemistry, environmental science and earth science.



Advancing Targeted Therapies for Duchenne

We teamed up with the University Hospital of Wales to develop an automated immunoassay that can be used to screen newborns for a biomarker linked to Duchenne muscular dystrophy. Pilot studies are now underway in the US and China, following a successful evaluation of the test in the UK, which is detailed in [Clinical Chemistry](#).



Played Key Role in Promising Autism Study

PerkinElmer helped fund a novel research study by Duke University's Robertson Clinical and Translational Cell Therapy Program related to using a baby's own cord blood stem cells to treat Autism Spectrum Disorder. Our ViaCord business provided nearly one-half of the cord blood units used by the participating families. Promising results from the study are noted in Stem Cells Translational Medicine.



Helping Enhance Next-Generation Sequencing Workflows

We are combining our high-throughput automation platforms with 10x Genomics' Chromium™ system to help advance researchers' interpretation of some of the most important biological questions. Jointly offering these solutions will help researchers gain increased sequence information and insights into the complexity of the genome.

With 9,000 employees serving over 150 countries, PerkinElmer is a \$2.1 billion global leader focused on innovating for a healthier world. Our innovative detection, imaging, informatics, and service capabilities, combined with deep market knowledge and expertise, help customers gain earlier and more accurate insights to improve lives and the world around us.

Our products and services are focused on both the diagnostics and discovery and analytical solutions markets:

- Diagnostics: reproductive health, infectious disease, oncology
- Discovery and Analytical Solutions: life science research, environmental, food, industrial

Our solutions are helping solve critical issues across these end markets, resulting in more effective drugs, healthier babies, a cleaner and safer environment, and a safer food supply.

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