



# Corporate Social Responsibility

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**ThermoFisher**  
SCIENTIFIC

We have one Mission:  
to enable our customers  
to make the world  
**healthier, cleaner and safer.**



### Business sustainability

We continually pursue new technology innovations and streamline our processes to ensure we are a sustainable business as well as a fiscally and environmentally conscious business partner for our customers and shareholders. At the same time, we ensure a safe working environment for our colleagues around the world.

p. 4

### Employee involvement

Employees are at the heart of our business. In order for us to fulfill our Mission, it is imperative that they have opportunities to learn, grow and influence our company culture. We appreciate the diversity of our workforce, knowing that varied backgrounds, lifestyles and perspectives will lead to innovation. And we work hard to promote an environment where all employees feel valued and included.

p. 14

### Philanthropic giving

Fulfilling our Mission depends on developing bright, young talent to push the boundaries of our existing technologies and innovate for the future. Through financial, in-kind and volunteer support that promotes STEM education, we hope to inspire students to pursue careers in those critical areas.

p. 24

thermo  
scientific

applied  
biosystems

invitrogen

fisher  
scientific

unity  
lab services

Thermo Fisher Scientific is the world leader in serving science, generating \$18 billion in annual revenue. Customers worldwide trust the products and solutions available through our premier brands to help them accelerate innovation and enhance productivity.

**Together, we are making a difference in the world.**

## Letter from our CEO

I am incredibly proud of the work we do at Thermo Fisher Scientific to fulfill our Mission: to enable our customers to make the world healthier, cleaner and safer. We have an extraordinary team of colleagues around the world who are committed to partnering with our customers to help them be successful. Whether they are developing cures for cancer, protecting the environment or making sure our food is safe, our customers look to us for solutions to some of the greatest challenges of this century.

The way we approach our work is grounded by our 4i Values of Integrity, Intensity, Innovation and Involvement. These values guide our interactions with our customers and within the company, creating a culture where diverse perspectives are not only accepted, but also encouraged. Our colleagues are empowered to make a difference so they can fulfill our Mission and their own career aspirations – which is the foundation of our success.

This corporate social responsibility (CSR) report highlights our key initiatives within the three pillars of our CSR strategy: business sustainability, employee involvement and philanthropic giving. Each of these pillars, defined below, are important to our success. And collectively, they serve as a framework for measuring the great progress we continue to make.

**Business sustainability:** continually seeking new ways to meet our customers' needs, while being environmentally responsible in the way we run our business.

**Employee involvement:** nurturing employees' professional growth and fostering an environment where everyone feels included and valued.

**Philanthropic giving:** inspiring the next generation of scientists through focused investments in science, technology, engineering and math.

Thermo Fisher Scientific is the world leader in serving science. It's a position we take very seriously. The stories in this report represent just some of the countless contributions we're making to benefit our customers, our colleagues and the communities where we live and work. Our customers never stop imagining what's possible through science, and neither do we.

Marc N. Casper  
President and Chief Executive Officer



Marc N. Casper  
President and CEO

## My work is a story of hope

In the past few decades, certain types of cancers have spiked in communities in Asia and around the world where air and water quality has suffered. As the vice president for the Life Sciences Solutions Business in the Asia-Pacific region, I've made it my personal mission to leverage the DNA technology available through Thermo Fisher Scientific to help make precision medicine a reality for the treatment of cancer.

This effort is personal. My sister-in-law, Tanja, passed away at age 41 in October 2011, after a two-year battle with triple-negative breast cancer. She left behind my younger brother and three children. At the time, personalized medicine, and genomic science as we know it today, was in its infancy. Today, only a few short years later, there are groundbreaking discoveries in the area of personalized medicine. Our technologies found in the Ion S5 System combined with the Ion Torrent Oncomine Platform Software have helped provide specific treatment plans for patients.

Through my work, I am able to help doctors, scientists and researchers solve the unique healthcare issues and challenges facing these communities. I couldn't be prouder to be personally involved in improving the lives of people fighting cancer, not only in Asia, but everywhere. My hope is that one day, no family will be left behind by a loved one diagnosed with cancer.

– Dale, Vice President, Commercial Operations



## Innovating to help improve the world

# \$750M R&D spend

### Healthier – making precision medicine a reality

Lung cancer is the leading cause of cancer-related deaths among both men and women worldwide. Many patients with the disease are not diagnosed until they have symptoms, which typically only occurs when the disease has become advanced and is difficult to treat.

In 2016, two new innovations helped advance detection of non-small-cell lung cancer:

**Ion Torrent Oncomine Lung Cell-Free DNA (cfDNA) Assay run on the Ion S5 next-generation sequencing system** – designed to detect DNA mutations that can be found within the blood, providing a less invasive way to analyze lung cancer in research settings.

**Ion Torrent Oncomine Universal Dx Test** – submitted to the FDA to serve as a companion diagnostic that can be used to select patients for specific non-small-cell lung cancer therapies.



### Cleaner – providing reliable water testing

The Clean Water Act was adopted in the US nearly 40 years ago, and many other countries introduced similar policies around the world soon after. Water treatment and measurement have become integral to ensuring clean drinking water for the billions of people living on the planet. With countries all across the globe constantly monitoring their water sources for contaminants, it is critical that the technology for water testing be robust and reliable.

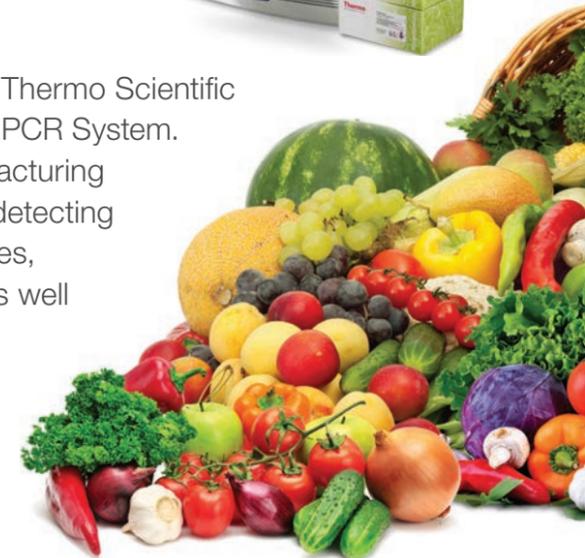
Building on more than 40 years of innovation in ion chromatography (IC), we introduced the Thermo Scientific Dionex Integrion High-Pressure Ion Chromatography (HPIC) System in 2016, providing functionality previously available only in higher-end instruments. The Dionex Integrion HPIC System provides exceptional flexibility and ease-of-use for the analysis of water. Additionally, it can be used for the testing of food and beverages, biofuels and pharmaceuticals.



### Safer – ensuring the food we eat is safe

When you sit down to enjoy a meal, you probably are not thinking about the testing and inspection process that the ingredients went through. But the reality is, food samples are routinely screened and inspected for chemical, microbiological and physical threats before they reach the grocery stores – and your plate.

For example, in 2016 we gained independent certification for our Thermo Scientific SureTect Assays on the Applied Biosystems 7500 Fast Real Time PCR System. This combination of assays and instrument gives our food manufacturing and testing laboratory customers a fast and simplified means of detecting the four most common foodborne pathogens – *Salmonella* species, *Listeria* species, *Listeria monocytogenes* and *E. coli* O157:H7 – as well as the ability to test for other pathogens, quality indicators and genetically modified organisms.



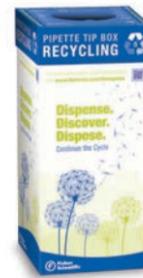
# Developing greener products to lower environmental impact

In 2016, we expanded our Green Leaf portfolio to include more than 7,900 SKUs that provide our customers with product alternatives that are less hazardous, more energy-efficient, create less waste or use more sustainable packaging.



## A great comeback

Last year, Fisher Scientific introduced the pipette tip box recycling program. Through the program, customers can purchase a cardboard box to pack with used pipette tip boxes. Once filled, the box can be shipped, free of charge, to be recycled. This benefits customers who may not have access to single-stream recycling programs.



## All-around winning innovations

Biosafety cabinets are a critical part of scientific research, ensuring both lab workers and their specimens remain free from contamination. The Thermo Scientific 1300 Series, Type A2 Class II Biological Safety Cabinets were designed with proprietary airflow design and energy-efficient DC motors that use up to 68% less energy than cabinets with traditional AC motors.



## Lifesaving drugs, environment-saving shipping

With precision medicine becoming a reality, many pharmaceutical agents used to treat patients have moved from the form of tablets or capsules to temperature-sensitive biologics with strict shipping conditions. Through a pilot program with one of our customers, we tested a shipping container that reduces temperature fluctuations and has a smaller waste footprint. The resulting solution provides a reliable shipping method for these lifesaving drugs, while reducing waste that might otherwise end up in landfill. The program has the potential to save millions of pounds of waste when adopted by all of our BioPharma Services customers.



# Getting better every day through PPI

Our Practical Process Improvement (PPI) Business System provides an enterprise-wide approach to continuous improvement that engages everyone in meeting the needs of our customers and driving profitable growth. PPI enables us to encourage productivity internally by empowering employees to implement change where they see a better way to get the job done.

**+21,000** total employees trained on PPI

## PPI productivity savings



## A paperless advantage

Our transplant diagnostics team in Canoga Park, California, provides a broad range of products to support clinicians and laboratories in the management of transplant patients. In May 2016, they recycled their last box of paper and moved all printed documentation for more than 580 of their products online. Going paperless has resulted in reduced product packing time, increased accessibility of product documentation for our customers and a reduction of the paper waste stream, all while reducing overall production costs.



## A bright idea

As part of the continuous improvement that we strive for at Thermo Fisher, our site in Asheville, North Carolina, has replaced close to 2,000 light bulbs with LED lights throughout the facility. This initiative resulted in a 39% reduction in energy used at the site, and an unanticipated employee benefit. With manufacturing at the facility requiring multiple shifts throughout the day and night, many employees arrive and leave the facility in dark hours. The change in lighting provides greater visibility for the workforce both inside and outside of the facility.

Twenty Thermo Fisher Scientific sites, including Asheville, have implemented this lighting upgrade, for a total reduction of more than 6.7M kWh and 5,600 tons of CO<sub>2</sub> annually.

**6.7M** kWh annual electricity reduction      **5,600+** tons of CO<sub>2</sub> reduced annually

*“The lighting change was immediately noticeable in the office space once implemented in my area. I felt more awake at work, I felt more in tune and alive, and it felt very energizing.”*  
 – Stephanie Nilsen, Director of Operations, Asheville

# Fostering a healthier, safer workplace

Our Environmental, Health and Safety (EHS) professionals are vital to the success of our company. A strong commitment to EHS helps us achieve our business goals by enabling productivity and quality improvements, reducing costs associated with lost-time injuries or environmental issues, and creating a strong culture of employee involvement.

5.8% reduction in GHG emissions\* | 27k+ cubic meters of water saved | 8k+ tons of waste recycled (39% diversion rate)

\*Data normalized by annual revenue

## Playing it safe

Reaching 1M hours worked without injury at a production facility is more than a celebration – it's a demonstration of a commitment to a "safety first" culture. In 2016 Thermo Fisher had 23 sites with 1M hours worked without injury. Additionally, our EHS teams reduced our LTIR by 27%, to 0.35. LTIR is an industry standard metric that measures the number of injuries resulting in lost work days per 1 million work hours.

23 sites with 1M+ hours worked without injury

## Trading waste for wins

The products manufactured in Rochester, New York, fuel discovery in every lab around the world by providing critical plastics needed for research experiments. By collaborating with their waste hauler, the team in Rochester has been able to extend the lifetime of the raw materials by recycling plastic scraps instead of discarding them to landfills.



4.5M pounds of plastic waste diverted



## Stretching for safety

For many manufacturing employees, the repetitive nature of the job can lead to strain and fatigue. Our manufacturing site in Lenexa, Kansas, has implemented stretching at the start of each shift and throughout the day, providing employees with an opportunity to recharge their muscles and joints. In 2016, the site made a concerted effort to focus on ergonomic awareness across all areas of their business, resulting in 4.5 million hours worked without injury – a rare achievement in the manufacturing industry.

*"We believe that safety of our employees can only be achieved if everyone actively participates. Through the implementation of ergonomic stretching, we empower employees to take charge of their own safety."*

– Tom Bennett, Value Stream Manager



## employee involvement

### My work is a story of value

Thermo Fisher Scientific as a company dreams big, like I do. I've always been attracted to our ambitious Mission, and every day, I appreciate the level of innovation, complexity and effort needed to make that Mission a success.

My journey started at Thermo Fisher after I graduated from business school and joined the Graduate Leadership Development Program in 2008. Through the program, I had the opportunity to work in three, eight-month rotations, in the areas of finance, marketing and operations. Throughout the rotations, I was introduced to diverse experiences that allowed me to grow. The varied opportunities also allowed me to recognize my individual strengths as a leader, which ultimately helped determine my own career path once I completed the program.

Over the years, I have had several great managers, mentors and peers who have guided me by sharing their experiences and pointing me in the right direction. The "Role of the Leader" course offered to managers at Thermo Fisher provided me with an additional learning experience. Through this course, I was able to hone my leadership skills, and I was provided with a chance to collaborate with peers from across the different divisions of the company. This experience opened my eyes to how others approach projects and different priorities.

I am extremely grateful for all of the opportunities I have had at Thermo Fisher to grow as a professional. With this wonderful group of colleagues to stand alongside, I know I will be successful as I address the challenges throughout the business and my career.

– Anand, Director, Corporate Strategy

# Empowering employee involvement and growth

Each year, we survey our employees to ensure their voices are heard. Our 48-question survey provides our leadership with direct feedback from employees in the areas of:

- Company leadership and effective management
- Inclusion: fostering a workplace where employees are valued for their individual differences
- Involvement: employee commitment to the company

80% employee response rate

98,000+ freeform comments

The 2016 results showed continuous improvement on each of these indices, compared to the previous year.



*“With 80% participation in the survey, it’s clear that we have created an open and transparent culture where our colleagues know their feedback is valued. The continued improvement in our results tells me that many of the actions we’ve taken in response to past surveys are having a positive impact on our colleagues.” – Marc Casper, President and CEO, Thermo Fisher*



## Fostering a culture of continuous learning

Our goal is that all of our employees achieve their full potential and career aspirations. Be it through on-the-job-learning, stretch assignments, job rotations, coaching, mentoring or participating in one of our many development programs, we believe that promoting continuous learning is essential to our collective long-term success.

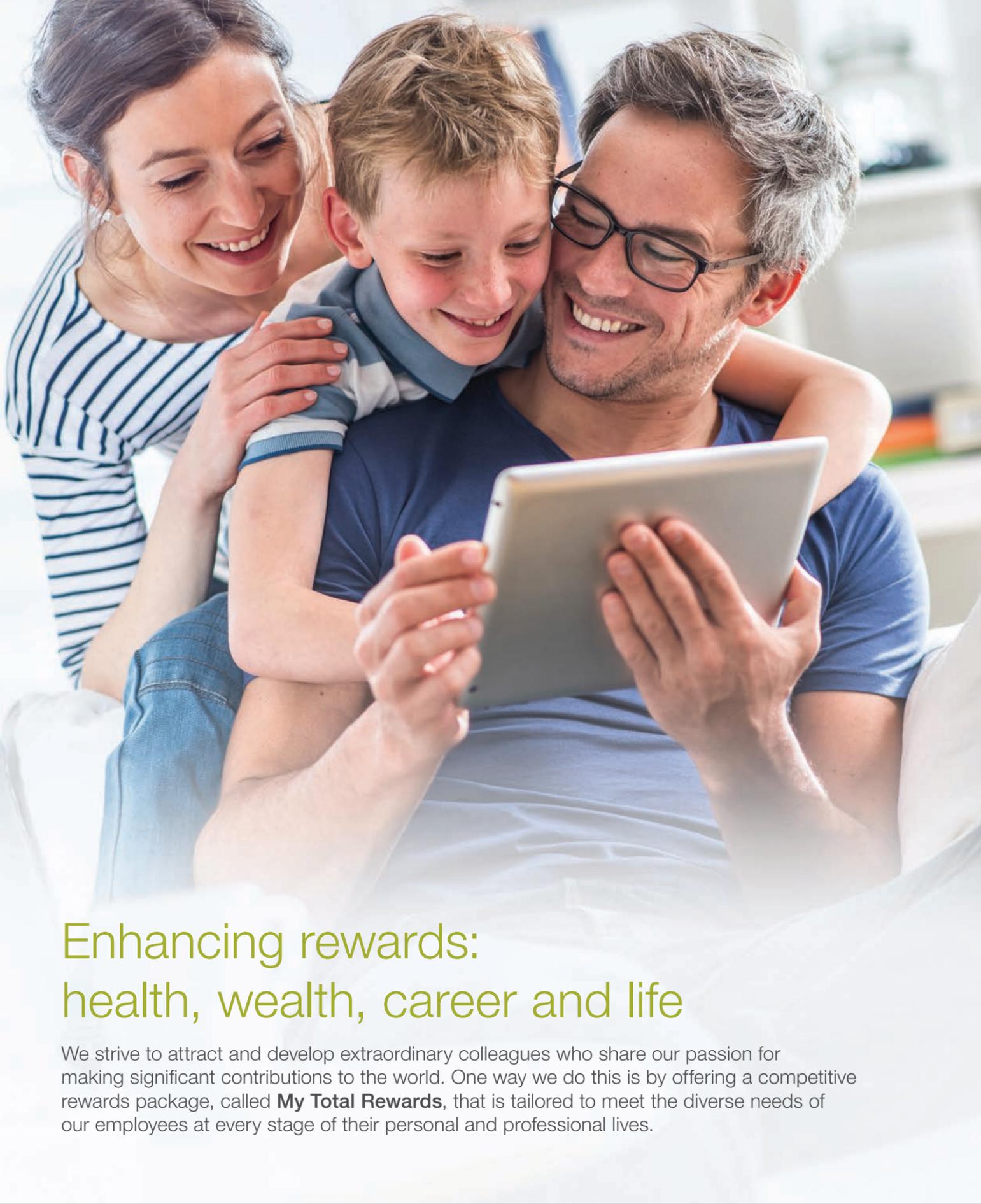
**Internship and corporate leadership programs:** identify and develop early-career talent through functional rotations within our organization.

**Management development:** curriculum providing training for those who aspire to become managers, as well as for experienced managers.

**Leadership development:** guiding individuals to transition from directing work to leading others, and to becoming an executive.

**Professional development:** includes an array of offerings ranging from leading high-performance teams, to managing change.

Each of our global programs are actively supported by our leadership team who, as advisors and instructors, ensure our employees can achieve their very best.



## Enhancing rewards: health, wealth, career and life

We strive to attract and develop extraordinary colleagues who share our passion for making significant contributions to the world. One way we do this is by offering a competitive rewards package, called **My Total Rewards**, that is tailored to meet the diverse needs of our employees at every stage of their personal and professional lives.

My Total Rewards includes a comprehensive suite of flexible and personalized programs, rewards, tools and resources designed to support every aspect of well-being:

	<h3>Health</h3>		<h3>Financial</h3>
<p>Medical, wellness and insurance programs to help employees take good care of themselves and their families.</p>		<p>Pay, incentive, equity and savings programs to help employees grow and protect their wealth.</p>	
	<h3>Professional</h3>		<h3>Personal</h3>
<p>Training, development and growth opportunities to enhance employees' careers and open the door to new experiences.</p>		<p>Programs to help enhance employees' lives away from work</p>	

Thermo Fisher offers a variety of ongoing and newly added programs, including:

- Enhanced parental leave**  
We provide complete pay for parental leave to help employees bond with their growing families.
- Company-paid access to medical second-opinion services**  
We help connect employees to leading doctors for their expert opinions on a variety of health situations.
- Paid-time-off donation**  
We offer a means for colleagues to help one another in tough times.
- Support for children with autism**  
Applied Behavior Analysis (ABA) support helps reduce problem behavior and encourage development of alternative behaviors and skills.
- Impact program**  
We provide personalized support to employees and their close family members who receive a cancer diagnosis (see next page).

## Making an IMPACT on cancer care for our employees

We believe in the power of our core values in action – scientific innovations empowering individual solutions that improve lives – right here at Thermo Fisher.

Our Individualized Medical Pathways for Advanced Care and Treatment (IMPACT) cancer care program is one way we bring those core values to life. This innovative, company-paid U.S. benefit is designed to provide personalized support to employees and their close family members who receive a cancer diagnosis, because we believe no one should face this disease alone.

Working with the IMPACT team, participants receive a direct line of communication to internal experts in cancer genetics and genomics, covering every type, stage and diagnosis. These licensed and board-certified genetic counselors are more than leaders of IMPACT. The team serves as personal navigators for participants and collaborative partners for physicians to help enhance – not replace – ongoing cancer treatments. They also provide a specialized support system for our employees.

Every participant's IMPACT journey is unique, but services may include:



Second opinions



Advanced research insights



Clinical trial matching



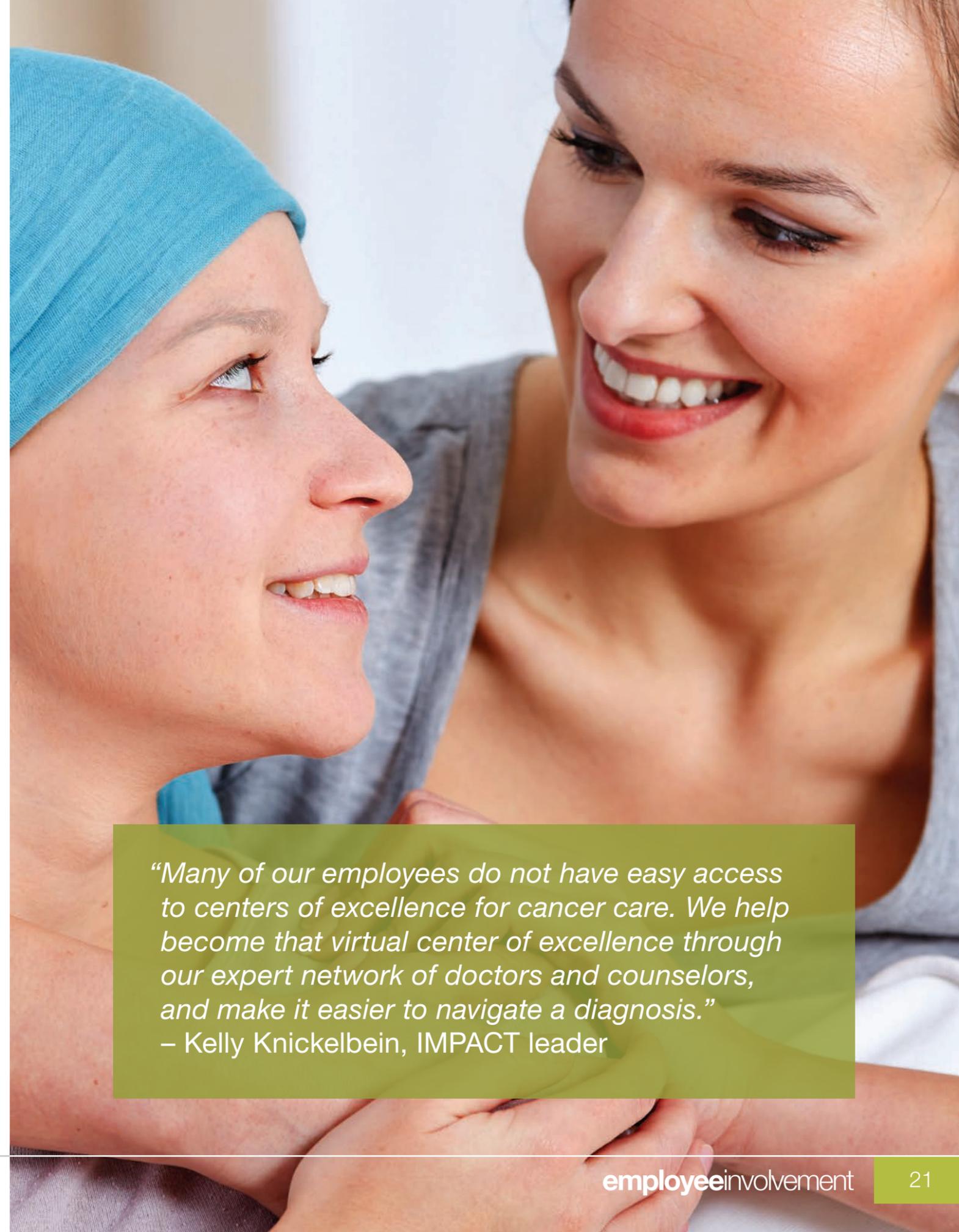
Genetic tests



Genetic counseling



Access to cutting-edge tests not typically covered by most companies' health insurance plans



*“Many of our employees do not have easy access to centers of excellence for cancer care. We help become that virtual center of excellence through our expert network of doctors and counselors, and make it easier to navigate a diagnosis.”*  
– Kelly Knickelbein, IMPACT leader

# Embracing the Strengths of our Differences

Through our diversity and inclusion (D&I) initiatives, we strive to promote an environment that embraces diverse backgrounds, experiences and talents of our employees. Creating a global workplace that values diversity ensures we will continue to attract those with cutting-edge thinking critical to fulfilling our Mission.



*“We are deeply honored and humbled to be recognized for all our accomplishments promoting diversity and inclusion at Thermo Fisher. However, the work does not stop here – we have just scratched the surface with D&I. We have more work to do to in our quest to help improve the lives of our employees and continue to build a stronger company.”*

– Alan Nevel, Vice President, Diversity and Inclusion

## Lessons that inspire and empower

In 2016, the African Heritage Employee Resource Group (AHERG) partnered with the nonprofit organization Students to Science (S2S) to positively impact STEM education efforts in underserved communities.

AHERG members have engaged with more than 100 students through hands-on science and career discussions. The ERG has also provided an in-kind donation of laboratory equipment to the East Hanover Technology Center, a 10,000-square-foot laboratory with commercial instrumentation, which serves middle school and high school students who work side-by-side with PhD STEM professionals and corporate mentors.

*“The African Heritage Employee Resource Group believes that community outreach is important for continuing to drive a diverse talent base for our industry. Through the partnership with S2S, our members are provided with the opportunity to demonstrate to students that there are resources available to them, regardless of their background, and that people other than their teachers are rooting for their success.”*

– Fred Lowery, Senior Operating Officer of Life Science Solutions and President of Laboratory Products

## Going above and beyond

Thermo Fisher continuously seeks new ways to ensure that diversity and inclusion remain an integral quality of our work culture. The formation of new councils and additional Employee Resource Groups (ERGs) in 2016 attest to that fact. Our six ERGs, which are key to bringing employees together, include support for:

- Veterans
- Women
- Differing abilities
- Millennials
- African heritage
- LGBTQA

80 global ERG chapters | 10,000+ employees received diversity and inclusion training

A woman in a white shirt is smiling and talking to a young boy in a white shirt. They are sitting at a table with water bottles and other items. The table has the Thermo Fisher logo on it. In the background, other people are visible, and there are colorful decorations on the wall.

# philanthropicgiving

## My work is a story of investment

The importance of helping others was instilled in me at an early age by my parents and grandparents, who were dedicated to social work. As a child, I distributed gifts to children in need each year on my birthday. It's a tradition I now share with my son.

It is clear that these early influences led me to Thermo Fisher in 2012. Today, I have the tools and resources to give back on a much larger scale. Through the philanthropy programs available to our colleagues worldwide, I am able to invest my time and expertise to support a variety of causes and organizations in my community.

Contributions at this company take many forms. Although monetary donations always help, I believe the longstanding partnerships we create with charitable organizations benefit not only those receiving organizations, but also Thermo Fisher employees. Rise Against Hunger, for example, provides food to the world's most vulnerable people. Through their packing events, we participate in reducing hunger worldwide while engaging with our colleagues in a new way. Another example is our participation in the Thermo Fisher Innovation Nation program, which has a lasting impact on both the students we work with and our employees who are introducing our technology to the next generation of innovators and scientists.

The more people I see who are touched by our efforts, the more inspired I am by my connection to humanity and our Mission as a company.

– Puneet, Human Resources Lead

A handwritten signature in purple ink that reads "Puneet".

# Nurturing the Next Generation through Corporate Grants

Through our nonprofit partnerships, we're able to extend our reach to support organizations that promote STEM education. In 2016, our corporate grants enabled hands-on science learning through after-school enrichment programs, mentoring of college students through entrepreneurship competitions and school meals for students in need.



## Big impact for Little Scientists

In 2016, we were honored with the Annual Responsibility Innovation Award. It recognized our China colleagues for their involvement with the Little Scientists STEM education program, through which 3,000 science lab kits were donated to local schools, benefiting more than 15,000 students. More than 1,000 employees volunteered to support the program by packing the kits, visiting the schools to conduct science experiments and providing home delivery of the kits to students in rural areas of China.



*“With support from Thermo Fisher, we are opening the gate of science for these students in rural villages. By enhancing the scientific enlightenment, we nurture children’s interest in science and grow a potential force for science and technology innovation in China.”*

– Xiaoyu Yang, Vice Chief Secretary of the China Youth Development Fund

## Science joins the Club

In 2016, we formed a national partnership with the Boys and Girls Club of America to help the organization expand its STEM program for thousands of youth across the country. In the first year of our partnership, we helped to provide STEM learning kits to 300 clubs throughout the US. The kits equip club staff with five hands-on activities covering the topics of engineering and biological, chemical and physical sciences. To enhance the STEM kits the clubs received, we also provided 4,500 of our STEM-credible lab safety kits so participants could safely conduct experiments and explore science.



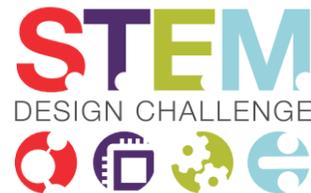
*“To genuinely prepare our nation’s kids and teens for tomorrow’s economy, we must engage students beyond the classroom and offer interactive and fun opportunities to ignite a passion in STEM fields,”* said Jim Clark, President and CEO of BGCA. *“Thanks to our partnership with Thermo Fisher, more members will have access to tools and STEM learning to build pathways and achieve a greater future.”*

# Igniting an early passion for STEM

Leveraging our employees, products and expertise, we have engaged thousands of students through our three unique STEM Education Programs: Innovation Nation, STEM Design Challenge and STEM-credible Kits. In 2016, we made significant progress in each.



Our STEM-credible Kit program has allowed us to broaden our reach, providing lab safety supplies that can be utilized by multiple students in each classroom. Each STEM-credible kit includes a reusable drawstring bag, nitrile gloves, splash guard goggles, a lab safety apron and a notebook.



Our engineering design team competition, which challenges students to create a machine to make the world healthier, cleaner or safer, expanded to eight locations across the US in 2016.



In 2016, we expanded the Innovation Nation program to support our sites globally, hosting events in the US, Brazil, India, Korea, Canada and the UK that provided students with practical working knowledge of our products, and a peek into the world of biotechnology.



## Detectives in training

As part of our Innovation Nation program, employees in Bangalore, India, hosted a group of high school students to participate in a mock murder mystery. Led through hands-on instruction, the students learned how DNA is used in criminal investigations and how Thermo Fisher enables customers to conduct DNA extraction, sequencing and synthesis.



*"Innovation Nation exceeded anything else I have participated in, in terms of the direct impact it made in my classroom. My students not only got to tour a science-based company and use equipment rarely found in a classroom, but they also made real connections with a variety of working professionals, experienced the variety of professions available and understood that there are multiple paths to a successful career." – Shalini Priya, high school teacher*

# Making a difference through product donations

The products we donate have provided a broad range of support, from the victims of the Kumamoto earthquake in Japan, to learning institutions such as the Smithsonian, and small nonprofit organizations and scholastic programs. In-kind donations provided to programs such as Quest, at the Canyon Crest Academy in San Diego, California, enable hands-on learning of science and technology, and help stretch limited organizational budgets.

**\$1.5M** in-kind donations

Paul (pictured below) entered the Quest Program two years ago as a freshman. His first research project took him all the way to the state-level competition.

*“When I first started teaching the Quest program at Canyon Crest Academy, it was my hope that the program would provide students with a head start in the real world of scientific exploration. Now I have students who are doing their own research projects in professional labs. If it were not for the generous donations of reagents and equipment from Thermo Fisher Scientific, my students would not have these amazing opportunities.”*

– Ariel Haas, Quest Program teacher, Canyon Crest Academy

# Making every dollar count

To promote the generous spirit of our employees, our Charitable Giving Program provides a platform that allows employees to make donations to causes they feel passionately about. Through our US-based Employee Matching Gift program, we help employees make an even bigger impact by matching their contribution to eligible charities by 50%.

**\$1.3M** donated by employees and company match | **1,190** nonprofit organizations supported

# Dreams become realities

In 2016, 217 students benefitted from university scholarships provided by Thermo Fisher Scientific. Through our two scholarship programs – a merit-based program for children of Thermo Fisher Scientific employees and one supporting qualified students pursuing a degree in STEM disciplines – we are able to impact the lives of students like Boglarka Nagy.

*“The scholarship I have received from Thermo Fisher has allowed me the freedom to expand my education beyond the classroom. Not only has it funded my necessary course study materials, but it has also provided me with the resources to pursue my personal interests. Through my connection with Thermo Fisher, I have also had the opportunity to participate in two different summer internships, which have helped me gain valuable insight as I aspire to become an industrial chemist.”*

– Boglarka Nagly, chemistry student, Imperial College London



Washington, DC: Employees from five of our sites around the Washington DC area conducted hands-on experiments in front of thousands of attendees at the USA Science and Engineering Festival.



Inchinnan, Scotland: Fifty students competed in a STEM Design Challenge, during which they designed and built models using K'nex to reconstruct a bridge in the region that was damaged by an oil rig.



Bleiswijk, Netherlands: Our site opened up its doors to 340 citizens from around the community to share our operations. Visitors had the opportunity to participate in short science experiments, fulfill a mock customer order, test-drive a fork lift and even learn emergency response procedures.



Kiryat Shmona, Israel: Our colleagues staffed a booth at the "Night with the Scientists," sponsored by the Israel Ministry of Science, where they demonstrated to hundreds of attendees how we help our customers conduct DNA analysis. Attendees could run their own saliva samples through our Invitrogen E-Gel iBase Power System, and our employees helped explain their results.



San Francisco, CA: Employees partnered with Citizen Schools to host 18-20 middle school students for 10 weeks to teach CSI-inspired experiments such as blood typing, fingerprinting, student DNA extraction and DNA electrophoresis.



Austin, TX: For the past eight years, our employees have volunteered with Girlstart to help provide workshops meant to empower and inspire young girls in science. In 2016, the workshop focused on the difference between bacteria and viruses, with discussions on the recent Zika virus outbreak.



São Paulo, Brazil: Our colleagues invited 48 students from a local school to the Customer Experience Center, where they learned about topics such as stem cell research and cancer biology, then stained cells with fluorescent probes, which they viewed under a microscope.



Shanghai, China: Our site organized a charity run with more than 1,000 people in attendance to support the Department of Hematology at the Shanghai Children's Medical Center and their cancer research studies.



Seoul, South Korea: Seventeen employees visited the Incheon Academy of Science and Art (IASA) to conduct the "Protein Extract Class" for 70 high school students as part of the Innovation Nation program.



Scoresby, Australia: More than 600 employees from 14 sites across Australia and New Zealand got together to pack 1,000 STEM-credible safety kits that were donated to the Ronald McDonald House charity.

# get involved

CORPORATE SOCIAL RESPONSIBILITY

## Community action with global reach

59,560 VOLUNTEER HOURS LOGGED IN 2016  
 COMPARED TO 43,917 IN 2015

This report contains Standard Disclosures from the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines. We recognize the GRI as the world's most widely used standard for sustainability reporting, and are in the process of aligning the report with those standards we have used. The indicators listed below depict the initial progress we have made in aligning our report to the GRI, and we will continue to use the GRI as the standard and goal for reporting future CSR information. For more about the Global Reporting Initiative, visit [globalreporting.org](http://globalreporting.org).

**Section: Strategy & Analysis**

- G4-1**  
CEO Letter - Page 3
- G4-2**  
Key impacts, risks and opportunities - Page 3

**Section: Organizational Profile**

- G4-3**  
Organization name - Thermo Fisher Scientific
- G4-4**  
Primary brands, products and services - <http://corporate.thermofisher.com/en/about-us.html>
- G4-5**  
Headquarters location - Waltham, Massachusetts
- G4-7**  
Nature of ownership and legal form - <http://ir.thermofisher.com/investors/Investor-Overview/default.aspx>
- G4-8**  
Markets served - <http://corporate.thermofisher.com/en/about-us.html>
- G4-9**  
Scale of the organization - <http://corporate.thermofisher.com/en/about-us.html>

**Section: Identified Material Aspects & Boundaries**

- G4-17**  
Entities included in financial statements - <http://ir.thermofisher.com/investors/Investor-Overview/default.aspx>

**Section: Stakeholder Engagement**

- G4-24**  
Stakeholder groups - Page 3
- G4-26**  
Approach to stakeholder engagement - Page 3

**Section: Report Profile**

- G4-28**  
Reporting period - 2016
- G4-29**  
Date of most recent report - 2016
- G4-30**  
Reporting cycle - Annual
- G4-31**  
Report contact - Find us on twitter - @ThermoFisher

**Section: Governance**

- G4-34**  
Governance structure of the organization - <http://ir.thermofisher.com/investors/corporate-governance/board-of-directors/default.aspx>
- G4-38**  
Composition of the board and its committees - <http://ir.thermofisher.com/investors/corporate-governance/board-of-directors/default.aspx>
- G4-39**  
Whether the chair of the board is also an executive officer - <http://ir.thermofisher.com/investors/corporate-governance/board-of-directors/default.aspx>

**Section: Ethics & Integrity**

- G4-56**  
Code of conduct - <http://corporate.thermofisher.com/en/responsibility/resources.html>

**Section: Economic, Environmental, Social**

- G4-EC1**  
Economic value - Page 4–13, 26–31
- G4-EC2**  
Climate change value - Page 8–12
- G4-EC3**  
Benefit plan coverage - Page 17–20
- G4-EC9**  
Local suppliers - <http://corporate.thermofisher.com/content/dam/tf/responsibility/Documents/Supplier-Code-of-Conduct.pdf>
- G4-EN6**  
Energy reductions - Page 8–12
- G4-EN10**  
Water recycled and reused - Page 12
- G4-EN15**  
GHG emissions (Scope 1) - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN16**  
GHG emissions (Scope 2) - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN17**  
GHG emissions (Scope 3) - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN18**  
GHG emissions intensity - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN19**  
Reduction of GHG emissions - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN22**  
Water discharge - <http://corporate.thermofisher.com/en/responsibility/resources.html>
- G4-EN23**  
Waste by type and disposal method - <http://corporate.thermofisher.com/content/dam/tf/responsibility/Documents/Supplier-Code-of-Conduct.pdf>
- G4-EN27**  
Mitigation of environmental impacts of products and services - Page 8–12
- G4-EN31**  
Environmental investments - Page 6–12
- G4-EN32**  
New suppliers screened using environmental criteria - <http://corporate.thermofisher.com/content/dam/tf/responsibility/Documents/Supplier-Code-of-Conduct.pdf>
- G4-LA2**  
Benefits provided to full-time employees - Page 18–21
- G4-LA6**  
Rates of injury, occupational disease, lost days, absenteeism - Page 12
- G4-LA11**  
Employees receiving performance and career development - Page 17
- G4-LA12**  
Composition of governance bodies and employees - <http://ir.thermofisher.com/investors/corporate-governance/board-of-directors/default.aspx>
- G4-LA14**  
New suppliers that were screened using labor practices criteria - <http://corporate.thermofisher.com/content/dam/tf/responsibility/Documents/Supplier-Code-of-Conduct.pdf>
- G4-HR10**  
New suppliers screened for human rights - <http://corporate.thermofisher.com/content/dam/tf/responsibility/Documents/Supplier-Code-of-Conduct.pdf>
- G4-S01**  
Local community engagement, impact assessments and development - Page 26–31

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