2017 Corporate Responsibility Commitment Report
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2017 Corporate Responsibility Commitment Report

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Chemours friends, stakeholders, and associates,

In our first three years, Chemours has learned a lot, because we’ve listened—listened to our customers, our employees, our value-chain partners, our shareholders, and the communities in which we operate.

Listening has been central to our transformation to solid financial footing and helped take us to the threshold of the next challenge before us: growth. The same grit, resolve, and passion we demonstrated during our transformation will serve us well as we become—are becoming—a growth company. But growth doesn’t happen in a corporate bubble.

It happens when we take into account the reality that we live in a world demanding more and more of corporations and individuals—a world that demands that the essential be always balanced with the responsible. We’re paying attention and, more importantly, we’re taking action.

It is with a great deal of pride that we introduce our first Corporate Responsibility Commitment report for 2017 and our 2030 Corporate Responsibility Commitment goals. These commitments are not just the right thing to do, they’re an essential part of the company we are and strive each day to be. They’re rooted in our values. They’re all about doing what’s right for our people, our planet, and our portfolio.

We want to share our commitment and encourage other enterprises to join with us. To memorialize that, we have become a participant of the United Nations Global Compact. We commit to honoring and acting in accordance with the 10 principles of the compact, covering human rights, labor, the environment, and anti-corruption, and to take action in support of broader United Nations goals. Chemours has always upheld the values of the compact, but formalizing our commitment carries symbolic weight for us and for our industry partners.

We are challenging ourselves to find solutions for some of the biggest issues facing the world—from clean water and air to inclusion and diversity to equal access to science, technology, engineering, and math education to the products we make and sell. We will bring the power of our world-class chemistry, our engineering prowess, and our problem-solving might to meet these aggressive goals over the next decade-plus. And in our first Corporate Responsibility Commitment report, we are sharing our 2030 goals and commit each year to measure, monitor, and report on our progress.

Why? A world that demands more demands a new kind of chemistry company. And that’s Chemours.

Kind regards,

Mark Vergnano
President and CEO
We are a leading fluoroproducts, chemical solutions, and titanium technologies company, and we’re positioned to help our customers respond to the demands of the developed and developing worlds. We aspire to be the best in the world at harnessing the power of chemistry to improve the lives of people everywhere. Starting now, we are adding a new dimension to our story.

Chemours is a leading global provider of performance chemicals. We began operation as an independent company on July 1, 2015. Our company has three business segments, each providing higher value chemistry to our customers:

1. Our Fluoroproducts segment is a leading global provider of fluoroproducts, including refrigerants and industrial fluoropolymer resins.

2. Our Chemical Solutions segment is a leading North American provider of industrial chemicals used in gold and silver production, industrials, and consumer applications.

3. Our Titanium Technologies segment is the leading global producer of titanium dioxide (TiO₂), a premium white pigment used to deliver whiteness, brightness, opacity, and protection in a variety of applications.

Though only three years old, The Chemours Company has some of the chemistry industry’s most well-known brands: Opteon™, Teflon™, Krytox™, Ti-Pure™, and others. These products are essential in making modern life possible. As the population grows, Opteon™ provides sustainable refrigeration and air conditioning solutions while still allowing us to enjoy a cleaner world. Teflon™ enables connection and protection of consumer electronics. Krytox™ helps meet evolving transportation technology demands.
with more-reliable and higher-performance lubricants. Viton™ enables engines to run faster and hotter, increasing their fuel efficiency. Nafion™ membranes and dispersions provide leading-edge solutions for energy storage and fuel cells. And Ti-Pure™ does more than just make for a more colorful world, it also helps cities stay cooler, reduces energy use, and helps food stay fresher by making packaging more effective.

Chemours was born as a values-driven company designed to tackle big issues—like burgeoning urbanization, a growing global middle class, and an increased focus on responsible products. We have built a culture of collective entrepreneurship, we’re customer centered, and we’re animated by our safety obsession, unshakable integrity, and refreshing simplicity.

Our purpose reflects the chemistry of Chemours. We exist to help create a colorful, capable, and cleaner world through the power of chemistry. Our values bring that chemistry to life and supply the foundation for our commitment to responsible chemistry.

Our Purpose and Values
At Chemours, we aspire to improve the lives of people everywhere. It is an ambitious vision rooted in our commitment to our values, employees, customers, communities, and partners. A vision we believe can only be realized by harnessing the power of chemistry as a catalyst for a better world.
Customer Centered.
Drive customer growth, and our own, by understanding customers’ needs and building long-lasting relationships.

- We understand that our customers—and their customers—are facing a world that demands more—more-responsible businesses, production, and consumption. We are focusing our businesses on responsible chemistry, and we’re asking our suppliers to come along with us. Our portfolio changes are aligning us with what the world demands, and we must work closely with our customers to enhance today’s essential chemistry and come up with new, responsible solutions to global challenges.

Refreshing Simplicity.
Cut complexity, invest in what matters, and get to results faster.

- Our actions and goals are simple, straightforward, and easily grasped by industry professionals and the public alike. Our goals must always be embedded in how we operate. Responsible chemistry provides a framework for how we work every day.

Collective Entrepreneurship.
Act like you own the business, while embracing the power of inclusion and teamwork.

- Meeting our 2030 responsibility goals depends on all of Chemours acting with coordinated initiative. We will adopt these goals as part of our job and work with resourcefulness and teamwork—making decisions and taking actions with our duty to responsible chemistry in mind.

Safety Obsession.
Live our steadfast belief that a safe workplace is a profitable workplace.

- We will be trusted, dependable neighbors and good citizens of our hometowns—places around the globe where we have manufacturing sites, offices, and laboratories. Safety—for ourselves, our hometowns, and everyone our chemistry touches—is our bedrock. Our pursuit of responsible chemistry is rooted in our culture of safety obsession, which is why we’ve set specific safety targets in our 2030 goals.

Unshakable Integrity.
Do what’s right for customers, colleagues, and communities—always.

- This is all about doing what’s right—for our customers, for their customers, for our suppliers, for our colleagues, for our friends and neighbors, and for the world at large. Integrity covers more than ethical behavior. For us, it is an opportunity to be a beacon for a new era of responsible chemistry. It’s what the world demands—and what we demand of ourselves.

Informed by what the world is demanding of every industry, every company, every institution, those values have led us to this moment. Since becoming an independent entity, Chemours has transformed into a company ideally suited to meet the needs of our customers and the demands of the world. Now that we’re ready to grow, we commit to doing it responsibly. We must balance the world’s need for our essential products with its demand that we produce, distribute, and manage them responsibly. Doing that takes a vigorous, diverse workforce and pipeline of exceptional talent.

We’re committing to a forward-looking corporate responsibility plan that will diversify our workforce, restructure our portfolio to focus on sustainable products and offerings, lower our emissions, foster the development of young minds, and become carbon positive. We call this responsible chemistry, and it is rooted in who we are and in our growth strategy.

We will share our priorities, programs, and performance with our stakeholders—current and prospective employees, customers, investors, community members, suppliers, industry groups, and others—and we genuinely welcome feedback. We invite you to contact us at CorporateResponsibility@chemours.com with comments, questions, or suggestions.

We’re creating a new kind of chemistry company, for a world that demands more.
Our Journey
Building a better world—responsibly.

We believe responsibility and progress go hand-in-hand. That combination is what customers, the communities in which we operate, investors, and employees expect. It’s what the world demands, and it is the bar we have set for ourselves. The world demands more of us—right now—and we’re responding with equal urgency, reimagining what a chemistry company can be and what chemistry can do.

We depend upon chemistry to fuel our progress in sectors like communications, transportation, technology, and energy generation, but we must find ways of unleashing its power to make life better while being good stewards of the world we live in. Responsibility and progress must go hand-in-hand as we lead the way for our partners and the industry.

That’s a big task for a young company. In the three years since Chemours began operating as an independent, publicly traded corporation, we have evolved, and evolved again, emerging as a leader. Now that we’re pivoting from transformation to growth, the time has come for us to make clear the terms by which we will grow.

Chemours intends to grow in harmony with the market, society, and the demands of the world. We make essential products that, in turn, make modernity possible. We already make them responsibly, but as we grow, we pledge to place responsible chemistry at the center of everything we do. Responsibility means nurturing young minds, building a diverse workforce, achieving gender parity, and caring for our planet while we grow our company. We recognize that what’s good for our world is precisely what our stakeholders expect of us. It also happens to be good business.
Our Guiding Principles

Our strategy is built on three pillars: Inspired People, Shared Planet, and Evolved Portfolio. These pillars are themselves divided into eight subsections: safety excellence, vibrant communities, empowered employees, climate, water, waste, sustainable offerings, and sustainable supply chain.

As we grow into our full responsibility commitment, these are the guiding principles we follow:

**It starts with us.** We have committed to reducing our carbon footprint, restructuring our portfolio to focus on sustainable offerings, educating employees, and ensuring safety excellence in our workplaces and our products on the move. We invest in our people, our facilities, and our processes to protect the safety and well-being of our employees, our business partners, and the communities in which we operate. Our commitment to responsible chemistry will play out in broad daylight as we regularly share our progress and performance with everyone concerned.

**We inspire the brightest minds.** We strive to think differently and challenge the status quo and old ways of operating. We deliberately disrupt the status quo by challenging the best and the brightest to offer original ideas and fresh perspectives. We provide the kind of inclusive, rewarding workplace that nurtures and develops employees.

**We put responsibility at the center of our business.** We develop and promote technologies and products that enable us and our customers to reduce our environmental footprint, putting environmental, social, and economic considerations at the heart of our decisions. We select our resources consciously, use them efficiently, and introduce better alternatives when possible—all to improve our performance, grow sustainably, and build a better future for all.

**We will demand high standards.** We’re committed to doing what we think is right, not just what is required.

We will strive to set the standard for our industry and openly share how we’re doing—economically, socially, and environmentally.

**We will steward the value chain.** We are setting the standard for how a chemical company can operate, and we are extending that standard to our whole value chain. We will work with our suppliers and carriers to bring them along with us as we advance our responsibility commitment. We will work with our customers—and their customers—to educate and ensure responsible product use at every point in the life cycle, and we will work toward developing shared standards for sourcing, manufacture, use, and disposal.

**We will motivate partners in change.** Our stewardship extends beyond our own portfolio and value chain. Since we want our bold actions to inspire others, we will partner with industry leaders in our sector and those our products serve to create more sustainable applications at scale, so that the more our products are used, the lower the impact on the environment.

**Our Corporate Responsibility Governance**

Our efforts must be measured and led in order to be sustained. Corporate responsibility is a priority for Chemours from the boardroom to the factory floor, and we have built a governance structure so that all employees will understand how sustainability thinking is embedded in the way they work. With the enthusiastic endorsement and ongoing actions of our CEO and the entire Chemours Executive Team (CET), our executive management ensures corporate responsibility governance flows down into every layer of Chemours leadership and management.

Paul Kirsch, president of our fluoroproducts business segment, serves as our CET corporate responsibility sponsor. The CET sets corporate responsibility strategy as an integrated part of our corporate growth strategy and updates our board of directors on our progress.
The CET is supported by our Corporate Responsibility Leadership Team (CRLT), led by Sheryl Telford, our vice president of environmental, health, safety, and corporate responsibility, who reports to Paul Kirsch. The CRLT is a cross-functional team composed of senior leaders from our three businesses and our corporate functions. The CRLT works directly with our CET, developing corporate strategy, goals, and standards, driving the implementation of our Corporate Responsibility Commitment program, and tracking and reporting our progress.

Ultimately, though, our global Chemours employees are the ones who bring our vision and purpose to life through formal job assignments, participation in company teams, and various volunteer initiatives. This is collective entrepreneurship, one of Chemours’ core values, in action: our employees work together to drive positive change in our company and communities.

As we bring this journey to the public view, we will see the real promise of the commitments we have made come into focus. We may be a new company, but we have a storied pedigree and leading position, which we will use to ensure that we are a beacon for a new era of responsible chemistry.
Our 2030 Corporate Responsibility Commitment Goals

What we will accomplish and how we will accomplish it.

Our 2030 Corporate Responsibility Commitment Goals are built upon three pillars: Inspired People, Shared Planet, and Evolved Portfolio. The pillars are themselves divided into eight areas of focus, each with their own 2030 goals: safety excellence, vibrant communities, empowered employees, climate, water, waste, sustainable offerings, and sustainable supply chain.

How We Got Here
Getting to this moment has been a process. When we started our corporate responsibility journey in late 2016, we began with an extensive benchmarking analysis that helped us determine what other chemistry companies do and what external stakeholders expect. Then we asked our employees what they thought in an online survey, conducted interviews with functional subject-matter experts, and held in-person workshops. We expect that going forward, we will conduct additional surveys with external stakeholders, including customers, suppliers, and community groups to further refine and focus our approach.

Our assessment (often called a sustainability materiality assessment) considered four key dimensions: a comprehensive analysis of our impacts, the importance of key issues to the future success of Chemours and our stakeholders, our view on the priority of these issues for our stakeholders, and our ability to control and measure the outcomes.

The results of this assessment gave us a collective view into our most important issues, pointing out places where action and investment would create the biggest impact.
We next mapped these issues to the United Nations Sustainable Development Goals (UNSDGs). That work led to a broad outline of our 2030 goals. However, we felt we needed to test our goals with external stakeholders. To do that, we turned to Future 500 to help us get the reactions of nongovernmental organizations. Their feedback, plus further input from experts within Chemours, led to the 2030 goals we have put in place. Going forward, we will measure our progress against a 2018 performance baseline.

### Our 2030 Corporate Responsibility Commitment Goals

#### Inspired People

**Safety Excellence**
Improve employee, contractor, process, and distribution safety performance by at least 75%.

**Vibrant Communities**
Invest $50M in our communities to increase access to STEM skills and improve lives through environment and safety programs.

**Empowered Employees**
- 50% of all positions globally filled with women.
- 20% of all U.S. positions filled with ethnically diverse employees.

#### Shared Planet

**Climate**
- Reduce greenhouse gas emission intensity by 60%.
- Progress our plan to become carbon positive by 2050.

**Water**
Reduce air and water process emissions of fluorinated organic chemicals by 99% or greater.

**Waste**
Reduce our landfill volume intensity by 70%.

#### Evolved Portfolio

**Sustainable Offerings**
50% or more of our revenue will be from offerings that make a specific contribution to the United Nations Sustainable Development Goals.

**Sustainable Supply Chain**
Baseline the sustainability performance of 80% of suppliers by spend and demonstrate 15% improvement.
Inspired People

Delivering progress and innovation through our people and communities.

The world needs chemistry to solve global challenges and improve lives. We promise to meet that essential need—responsibly. Our thriving workforce and investments in the communities where we live and operate will help us keep that promise.

We are committed to bringing responsible chemistry to a world that demands progress and innovation. Our employees are critical in helping us deliver against that promise. We are creating an inclusive, balanced, diverse workforce whose ideas will catalyze future innovations and drive our obsession for safer operations and transportation of our materials. Our communities expect us to be good neighbors and residents by protecting them from harm and investing in our collective well-being. Our investments include educating future generations of scientists and plant technicians, enhancing the local environment, and extending our safety culture beyond our plant sites.
Safety Excellence

Responsible chemistry begins with a focus on our people, plants, communities, and environmental safety.

Safety is essential to everything we do at Chemours. In fact, it’s an obsession we live every day. We believe that our commitment to safety covers our colleagues and plants while also extending beyond our facilities into our communities and environment.

Developing and producing innovative, essential chemistry solutions involves complex and challenging processes. We have a responsibility to ensure that every step in our operations and our value chain is as safe as possible. That means extending our safety commitment beyond the manufacturing of our products. We also make sure that the shipment of raw materials to our production facilities, the shipment of our products, and the handling, use, and storage of those products by the end users take place as safely as possible.

That responsibility is deeply embedded in our businesses, and we rely on our line managers as well as a group of internal experts to nurture and enhance our safety culture in all functions, at all levels. With an eye for continuous improvement, our experts set and approve corporate standards, share lessons learned, monitor performance across our three businesses, and review our assurance program.

Site Safety
We operate our manufacturing facilities with a strong focus on process safety, always striving for better performance. Chemours has a strong legacy of process safety management and continues to build on that foundation through a robust, enterprise-wide operating model. Management leadership and commitment, which is supported by our personnel, technology, and facilities, helps us achieve safety excellence by our own measures and benchmarking against other industry-leading member companies of the American Chemistry Council (ACC). Operating high-hazard processes is a big responsibility, and one that we take very seriously.
**Responsible Care**

Responsible Care is an International Council of Chemical Associations (ICCA) initiative that has helped pave the way to a healthier, safer, and more secure future for chemistry companies. More than 65 countries practice Responsible Care. In 2016, Chemours made a pledge to the ACC Responsible Care guiding principles. We are on track to receive the Responsible Care Management System® (RCMS) third-party certification by 2019. As a member of the ACC, Chemours practices Responsible Care at all our sites. Each year, our safety experts benchmark our sites against the Responsible Care metrics designed and reported by the ACC. In 2017, we awarded nine of our sites with our Environment, Health, and Safety Excellence Award for reaching the top 25% of the ACC safety metrics against industry peers. Moreover, we hold global ISO 14001:2015 certification, with only two of our U.S. sites not yet meeting that standard.

**Process Safety**

Site safety means safe operations designed to prevent incidents—any unplanned events arising from the manufacturing process that result in a spill, fire, explosion, or injury. We keep a close watch on all aspects of our operations. This helps us prevent process safety incidents or quickly resolve any that may occur.

We track process safety several ways, comparing it to our own historical performance and against the average for our industry. Each month, the ACC shares reporting that includes process safety events, classified by a tier system in accordance with industry standards, to account for events of varying degrees of severity. Recent year-over-year performance trends have been stable, and we continuously strive to improve our operations toward a goal of zero loss of containment events.

<table>
<thead>
<tr>
<th></th>
<th>Tier 1 Events</th>
<th>Tier 2 Events</th>
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</thead>
<tbody>
<tr>
<td>2H – 2015</td>
<td>2</td>
<td>N/A</td>
</tr>
<tr>
<td>2016</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>2017</td>
<td>1</td>
<td>12</td>
</tr>
</tbody>
</table>

In 2017, we reported a smaller number of incidents within each tier. Unfortunately, we did experience a Tier 1 incident which we fully investigated, uncovered critical learnings, and implemented preventative measures to improve our safety performance and ensure continuous learning.

**2030 GOAL**

Improve employee, contractor, process, and distribution safety performance by at least 75%.
A Commitment to Continuous Learning in Process Safety Management

Our safety-obsessed culture leads employees to seek out additional training opportunities to increase safety literacy and capability at our sites. In 2017, we introduced a new process safety management (PSM) training program at our Corpus Christi, Texas site. Bringing together 26 Chemours employees, representing 12 different countries and eight sites, the session provided information on how to identify and manage process hazards. We’re putting these learnings to use to enhance routine site PSM leader meetings, making upgrades to corporate PSM standards, and improving our approach to PSM auditing.

Emergency Response Planning

We never stop looking for ways to make Chemours sites safer, and part of that is preparing for when things go wrong. We provide safety training to operations employees at orientation and continue with customized, detailed training modules for specific roles. We also provide training through our Emergency Response Center of Expertise, which promotes prevention and readiness at our manufacturing sites.

Preparing for Emergency Events

Being prepared for emergencies—as rare as those events should be—is an important part of our safety program and extends beyond the walls of our own operations. Our Chemical Solutions business, a leader in supplying solid sodium cyanide to the mining industry in Mexico, held its 10th edition of the Sodium Cyanide Emergency Response Training in 2017. More than 100 people from Mexican mines attended this two-day session, practicing organizing brigades, operating emergency equipment, using antidotes, and recovering product. Attendees also learned how to respond in an emergency with sodium cyanide during a workshop that featured role-play content, practical exercises, and real emergency situations.

In 2017, two of our 15 U.S. sites were certified in the Occupational Safety and Health Administration’s (OSHA) Voluntary Protection Program (VPP). While we consider this a good start, we aim to extend this work further.

Occupational Safety

Chemours considers both employees and contractors in its review of occupational safety. Each month, Chemours Corporate EHS releases a report that includes a number of metrics benchmarked against ACC large member companies, including the total incident rate that is internally circulated to the Chemours Executive Team. The total incident rate is a calculation that finds the number of work injuries and incidents per 100 full-time employees over the 2,000 hours they each work per year. In the U.S., the Bureau of Labor Statistics (BLS) provided additional metrics for comparison. In the U.S., Chemours benchmarks itself against each of the ACC
Safety Excellence

and the BLS rates that track employee/contractor injuries and illnesses per 100 full-time employees.

The Chemours Company’s 2017 employee total recordable incident rate was 0.26. The 2017 ACC Total Recordable Incident Rate average was 1.24, and the most recent 2016 BLS North American Industry Classification System (NAICS) Code for Chemical Manufacturing for total recordable cases was 2.0.

We reduced total recordable cases and lost workday cases for employees in 2017.

We also track the safety performance of contractors working on our sites. For contractors, we saw a slight increase in total recordable cases and a larger increase in lost workday cases when comparing 2017 to the previous year, with the latter due to an increase in the severity of injuries. The Chemours 2017 contractor total recordable incident rate was 0.31. The 2017 ACC Contractor Recordable Injury rate average was 0.34, and the most recent 2016 BLS NAICS Code for Construction was 3.2.

As with all our safety parameters, we are evaluating results and always plan for improved safety.

### Employee Safety Events

<table>
<thead>
<tr>
<th>Total Recordable Cases</th>
<th>Lost Workday Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>2H - 2015</td>
</tr>
<tr>
<td>46</td>
<td>2016</td>
</tr>
<tr>
<td>19</td>
<td>2017</td>
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### Contractor Safety Events

<table>
<thead>
<tr>
<th>Total Recordable Cases</th>
<th>Lost Workday Cases</th>
</tr>
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<tbody>
<tr>
<td>17</td>
<td>2H - 2015</td>
</tr>
<tr>
<td>12</td>
<td>2016</td>
</tr>
<tr>
<td>14</td>
<td>2017</td>
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**Case Study**

**Shop Floor Teams Safety Management Action Plans**

When our new safety council started looking at injuries back in 2015, 29% of injuries across the business were hand injuries. Plant site management developed action plans that included line walks, job-cycle checks, gate greetings, behavior-based audits, and communication materials. However, resulting improvements were short-lived. It became clear that the safety council needed to identify a new approach to create sustainable solutions for low-hazard, high-frequency incidents such as hand injuries.

The new approach gathered shop floor employees across functional disciplines to discuss issues, identify practical solutions, and commit to applying 10 newly identified practices. This approach had a positive, long-term impact on hand injuries—a number that reduced them by more than 50% in 2017 when compared with 2015—and became a model for approaching other safety issues.

The success of this new approach has resulted in a systematic shift for Chemours, which has now implemented a standardized input channel from shop floor experts.
Transportation and Distribution Safety

We transport our products through many communities across the globe, and we take great care when doing so. We strive to improve safety whenever we transport our products. We track and measure ourselves using the ACC’s safety performance metrics, and we have three goals moving forward:

- **Simplifying the way we work.** A new transportation management system will connect our business globally, making logistics more visible across business segments, countries, and modes.

- **Improving efficiency with value chain partners.** A better collaboration across our business segments, suppliers, and customers will work to reduce cost and complexity while improving customer satisfaction.

- **Building on our success.** We have deep roots in safety, trade compliance, integrity, and customer commitment. We will continue our imperative to advance skills and capabilities to provide a competitive advantage for Chemours.

Distribution Incidents by Year

<table>
<thead>
<tr>
<th>Year</th>
<th>Incidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>4</td>
</tr>
<tr>
<td>2016</td>
<td>2</td>
</tr>
<tr>
<td>2017</td>
<td>7</td>
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We experienced an up-tick in incidents in 2017. Several were carrier-related, such as trailer accidents. Others were site packaging issues. Each of these incidents has been investigated and resolved with no repeat of this type of incident to date in 2018. Moreover, we continue to improve training at our sites while diminishing transportation risk.

When called upon, we will continue to share our perspective with customers, carriers, policy makers, and regulators.
Vibrant Communities

Joining our neighbors to cement community bonds and build a brighter shared future.

There are 26 communities that host our facilities—places where we work and live. We have a responsibility to our hometowns and to the rest of the world to be good citizens, to be upstanding stewards, and to be neighbors with unshakable integrity.

Our Dedication to Communities
Our commitment to our communities and neighbors begins with a dedication to a high standard for ourselves and our stakeholders. When we do what’s right for our customers, shareholders, and communities, we are confident that success will follow. We hold ourselves to a rigorous standard and expect our contractors, agents, distributors, and other business partners to uphold the same principles. This is all set down in a Code of Conduct, which we take very seriously.

Strong ethics are not enough. We must back our behavior with our resources and an authentic commitment of employee time, dedicated programming, and in-kind donations, in addition to our financial donations.

We believe investing in our communities is the right thing to do for the health of our world and our business. The same is true of our commitment to building a gender-balanced, diverse workforce—one that is representative, inclusive, and engaged. That employee base will drive our vision of responsible chemistry by putting our goals into practice, helping our commitment to responsible manufacturing come to fruition.

Improving Communities and Ourselves
We are always aiming to better ourselves, protect the environment, and make a positive contribution in partnership with our neighbors. We offer scholarships for high school students pursuing STEM careers, offer work-based learning programs to prepare students for...
technical careers, establish nature preserves around our sites, lead safety workshops for safety educators and first responders, and sponsor a company-wide day of service—to name only a few.

Case Study

Washington Works Nature Trails Celebrates 25 Years of Community Engagement

The wildlife volunteers at Washington Works actively manage 450 acres for improved wildlife habitats. One hundred of those acres are set aside as a publicly accessible nature area called Washington Works Nature Trails. Opened in 1992, the public land now has 2.2 miles of trails through meadows and wetlands, around a pond, and through a hardwood forest. For the Trails’ 25th anniversary, many of the original volunteers returned to celebrate. In 2017, volunteer work continued, with Chemours employees joining site retirees and community volunteers to host 14 community events for 328 children. One additional effort, made by a local Eagle Scout with the support of his troop and leaders, improved the Nature Trails by developing a fully wheelchair-accessible trail.

Since 1992, volunteer efforts have been continuously certified by the Wildlife Habitat Council (WHC) for either habitat development or educational outreach or both. Now, the WHC combines the habitat development and educational outreach certifications into one as a Conservation Site certification. Washington Works received this highest-level three-year accreditation in 2015.

2030 GOAL

Invest $50M in our communities to increase access to STEM skills and improve lives through environment and safety programs.
Empowered Employees

Delivering progress and innovation through a vibrant, talented workforce.

We will accomplish our aggressive business goals through the diligence of a vibrant and empowered workforce that leverages our differences to solve the world’s challenges through the power of chemistry. Our future and the future of chemistry and science depend on a multiplicity of viewpoints, ideas, actions, and experiences—something that can only be created by a diverse workforce representative of the world in which we live and work.

Great workforces, like great product portfolios, don’t just happen. They grow through careful, constant investment, engagement, and ongoing care—all of which are essential when trying to cultivate a high-performance workforce that includes more women and people from diverse backgrounds. Our continued growth and ability to compete depend upon our investment in all our people and in our attracting and developing the best and brightest in their fields. And we’re developing a long-term strategy to support employees at every stage of their careers with us—from recruitment and onboarding, to career development and training, to performance management, and finally to succession planning.

Together, we are building a culture where all people are included, and differences are a source of strength and cause for celebration. We ask our employees both to listen and speak up so no one is held back by bias or prejudice. We enforce standards of conduct to ensure that every employee is confident and feels safe in an open and trusting environment.
Empowered Employees

Ethics
The health of our company and our people rests on a firm foundation of ethical behavior. We are steadfast in our commitment to integrity and encourage others to make thoughtful, ethical decisions. Since the birth of Chemours, we have faced our fair share of challenges; we’re here today because we don’t cut corners. Everything we do at Chemours is guided by our company values.

Unshakable integrity is one of these core values. It means doing what’s right for customers, colleagues, and communities—always. Because corruption—or even behavior that could appear to be unethical—can take many forms, it is important to be aware of situations that could put us at risk. We follow principles that help us maintain ethical business practices:

- **Our Code of Conduct** steers our organization on a full range of ethical issues—from insider trading to data privacy, and from international trade laws to political activities. Each year, we train every employee on our Code of Conduct.

- **Our Ethics Champions Network** drives our commitment to responsible and ethical business conduct and acts as our connection between ethics issues on the ground and the business decisions that affect our entire company.

- **Our Ethics Hotline** ensures secure and confidential assistance. We do not tolerate threats of retaliation against anyone who raises a question or concern or reports suspected misconduct in good faith.

- **Our Commitment** to training and awareness of anti-bribery and anti-corruption policies, antitrust law, privacy, trade compliance, and a variety of compliance areas arms our employees with the tools to uphold our culture of integrity. One hundred percent of our employees are trained annually.

Vibrant Employees
We think the power of chemistry can create a more colorful, more capable, and cleaner world. That’s our purpose, and everyone at Chemours takes ownership of that promise to the world. We urge everyone at Chemours to take the lead in their own professional development. We’ll be there to help by creating an environment that is inclusive, collaborative and purpose-driven.

Thousands of people work at Chemours sites around the world. We support every employee in developing their career and becoming their “best self.” We provide a thriving workplace culture that allows individuals and teams to flourish. The first step to achieving that is to listen, which we do through a yearly Organizational Health Index (OHI) survey. In our second year, 2017 participation and engagement rates increased by 30 percent. Our aim is for every employee to participate so Chemours can become an even better place to work, and we can already see the power of that participation:

**2030 GOAL**

- 50% of all positions globally filled with women.
- 20% of all U.S. positions filled with ethnically diverse employees.
Empowered Employees

when the first organizational health survey was launched in 2016, Chemours found itself just above the bottom quartile. By 2017, we had worked together to reach the 53rd percentile, putting our company in the top half of all companies participating in the global OHI survey. Our aim is to achieve and maintain a collective score that is top quartile or better.

Inclusion and Diversity
Chemours needs the multifaceted perspectives that can only come from a diverse, gender-balanced workforce.

Inclusion does not mean homogenization. We want our people to bring their identities to work with them, and we believe that Employee Resource Groups (ERGs), introduced in 2016, foster employee connectivity, professional development, and input to business process improvement. Our seven ERGs set annual goals to improve diversity of our talent acquisition, develop personally, and enhance our local communities. For example, our Early Career Network targeted a need for mentors within the organization and created a mentoring system that can be extended to benefit the entire organization. Our Black Employees Network spearheaded the launch of our paid day of service program and organized a headquarters celebration and multiple volunteer events in Wilmington, Delaware, our hometown.

Chemours Employee Resource Groups

Chemours Employee Demographics

Training and Development
Most of us thrive when we feel that we’re growing at work. Chemours is committed to providing opportunities for our people to do just that, investing in training and development and helping employees lay the groundwork for sustainable career growth. Our programs must include the right tools to help employees reach their goals—whether through professional training, new experiences, or performance guidance.

In late 2016, we launched a training program we call Ability to Execute, focusing on employee development and company culture, which is now available in four languages on desktops, mobile phones, and tablets. By the end of 2017, more than 1,000 employees were participating in this dynamic program. Ability to Execute provides our employees with clear expectations on how we work together and a variety of tools, from a prioritization matrix to schematic for conducting effective meetings to guides for having courageous conversations, that help us deliver on those expectations. Chemours also provides core competency training throughout all the levels of our organization focusing on safety, ethics and integrity, cybersecurity, technical training, and many other subjects.
A growing global middle class spurs the demand for all the essential components of modern life many of us take for granted. We must balance the demands of these new consumers with respect for the limits of our planet.

As the global population grows, the increased need for essential goods, such as refrigerated foods, durable paint, and even connected mobile devices, places greater demands on our planet’s resources. We are expected to deliver progress, innovation, and growth by supplying world-class solutions that address problems without creating new ones. That’s a challenge we accept—relish, even—because reducing the intensity of our greenhouse gas emissions, nearly eliminating the release of air and water emissions of fluorinated organic chemicals, and reducing our landfill footprint are what our customers, investors, and society demand. Which is why we’ve set aggressive targets for ourselves to reach by 2030 and staying on track to becoming carbon positive by 2050.
Climate

Responsible chemistry that meets essential needs while protecting our shared home.

Maintaining safe, sustainable operations has an impact on our company, our communities, the environment, and our collective future. From the beginning, we have taken action to improve our impact on climate.

Report on Greenhouse Gas Emissions
Reduction in greenhouse gas (GHG) emissions is a crucial step for the planet, and it is a key part of our responsible chemistry commitment. To help us understand our emissions, we followed The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard to guide our GHG emissions measurements and reporting.

This report shares our 2017 scope 1 and scope 2 GHG emissions data, along with trend data since our 2015 founding. We also share estimates for our scope 3 emissions from 2017. We are working to understand the total impact of our activities on GHG emissions across our value chain, including avoided emissions that result from the use of our products, like our Opteon™ line of ultra-low global warming potential (GWP) refrigerants.

Reported GHG emissions data are for manufacturing sites within Chemours, operational control at year-end 2017, and do not include quantities attributed to providing services to site tenants at some of our larger manufacturing facilities. GHG emissions associated with supplying energy and steam services to our tenants average 0.2 million metric tons (MT) per year. We provide this data, upon request, to our tenants for their sustainability reporting. Similarly, Chemours has an ownership position in several joint ventures that are separately held corporations and are operated by the joint venture, not by Chemours. The emissions from these joint ventures are considered separately and are not included in our Chemours emissions inventory.
In 2017, we measured total scope 1 and 2 GHG emissions of 11.7 million MT of CO$_2$e associated with our manufacturing activities. We noted an increase in 2017 GHG emissions relative to 2016 results, which we attribute to annual variations in the capture and control of hydrochlorofluorocarbon (HCFC) and hydrofluorocarbon (HFC) emissions at one of our manufacturing sites.

This annual variation impacts both our total (also known as absolute) reported GHG emissions and our measured CO$_2$e emissions intensity, defined as MT of CO$_2$e per MT sales product. Understanding our scope 1 and 2 emissions enables us to identify opportunities to reduce our emissions intensity. Examples of programs currently under consideration include installing treatment systems to address HCFC and HFC emissions, converting steam boilers to cleaner carbon sources, improving the energy efficiency of our operations, and sourcing electricity from renewable energy sources. A few recent projects have already delivered emissions reduction benefits. Here are a few of those programs:

- **2016:** We converted the steam boilers at DeLisle, Mississippi, from coal to a natural gas fuel source.
- **2016:** We converted our rotary dryers at Starke, Florida, from oil to a natural gas fuel source.
- **2017:** We worked with our energy supplier at New Johnsonville, Tennessee, to convert our purchased steam from coal to a natural gas fuel source.

As we look ahead, we are working towards setting science-based targets (SBTs) to further guide our GHG emissions reduction strategy. We are reaching out to interested stakeholders to partner with on developing a chemical industry sector SBT methodology.

**2030 GOAL**

- Reduce greenhouse gas emission intensity by 60%.
- Progress our plan to become carbon positive by 2050.

**Greenhouse Gas Protocol**

Scope 1 (Direct)
- Manufacturing
- Energy Production
- Steam Production

Scope 2 (Indirect)
- Purchased Energy
- Purchased Steam

Scope 3 (Indirect)
- Suppliers
- Purchased Goods
- Transportation
- and Distribution
- Travel
- Product Use and End of Life
Becoming Carbon Positive by 2050

Our impact on GHG emissions extends beyond the emissions from our manufacturing operations and use of purchased energy. Other indirect GHG emissions (scope 3) arise from sources not owned or controlled by Chemours, ranging from the raw materials we choose to how our products are used. This is why we set a goal to be carbon positive by 2050. For us this means that the GHG emissions avoided by the use of our products, offerings, and offsets will be greater than the sum of the GHG emissions generated by our scope 1, 2, and 3 activities.

In 2017, Chemours began assessing scope 3 emissions categories according to the GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard provided by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD). We’ve added to our GHG inventory an assessment of three of the 15 GHG protocol scope 3 categories: purchased goods and services (category 1), upstream transportation and distribution (category 4), and use of sold products (category 11). We tackled first what we believed to be our largest scope 3 emissions contributors and are working to assess emissions from the remaining 12 scope 3 categories. In 2017, our estimated scope 3 emissions were on the order of 173 million MT CO₂e. When combined with our scope 1, 2, and 3 measured emissions, this yields an estimated 184 million MT of CO₂e emissions from our total value chain activities.

As illustrated in the figure to the left showing 2017 scope 3 emissions, the vast majority of our total emissions are due to customer use of our refrigerant products. As we develop our plan to become carbon positive, we need to both reduce our current scope 1, 2, and 3 emissions and increase the use of products, like our low GWP Opteon™ HFO refrigerants, that reduce our customers’ GHG emissions. In 2017, sales of our Opteon™ HFO refrigerants helped prevent approximately 20 million MT of CO₂e emissions by replacing refrigerants with much higher global warming potentials.

We will continue to improve how we measure our scope 1, 2, and 3 GHG emissions as we develop our 2018 baseline for our 2030 climate goals. We will share this baseline in our next Corporate Responsibility Commitment report and commit to tracking and reporting our progress towards achieving our goals.

Energy

Energy use is a major source of our scope 1 and scope 2 GHG emissions. Our energy comes in the form of fuel, steam, and electricity, supplied as purchased energy sources, and includes hydrocarbon-based fuels, off-gas consumption, and renewable fuels such as biogas and landfill gas. Reported energy consumption is for Chemours operations only, and does not include quantities generated for sale to tenants at some of our larger manufacturing facilities.
Chemours’ overall energy consumption increased each year since 2015, but our production did as well. Our energy intensity (defined as BTUs/lb sales product) decreased slightly in 2017, as we increased our production volumes.

**Green Energy**

Chemours has started to explore creative options to reduce its energy footprint. In each of the last three years, we shifted some of our energy needs to renewable sources, increasing our use of landfill gas and biodiesel.

The Pecan Grove landfill, located 10 miles from our DeLisle, Mississippi, site, generates methane that was previously captured and flared. However, we recognized the potential benefit to be had from using that gas rather than flaring it, if only we could get it to the site’s gas-fired boilers. We launched a project to install equipment to compress, dry, and clean the landfill gas and lay over 10 miles of underground pipeline to bring it to the site. We modified one boiler to burn both landfill gas and natural gas and developed a sophisticated control system to enable reliable boiler operation even when operational issues at the landfill interrupt its flow. The site burns landfill gas in its boiler whenever it is available, reducing the quantity of flared landfill gas and avoiding additional CO₂e emissions by decreasing the site’s use of purchased natural gas.
Capturing and Reusing Formerly Wasted Energy

Our Memphis, Tennessee, facility creates a low BTU off-gas in the manufacturing process. We captured and flared it until we recognized that it was a source of low-cost energy that could be used as fuel. Since a low BTU gas wouldn’t work in all the machinery, our engineers identified candidate natural gas–fired equipment that had the potential to be converted for use with the off-gas. We undertook several projects to make the appropriate modifications. We modified boilers and process heaters for dual-fuel capability, and now the plant maximizes the consumption of off-gas. This reduces the quantity that is flared away, the use of purchased natural gas, the plant’s GHG footprint, and operating cost. We are investigating further uses of the off-gas, working through the complexities and challenges of using it in additional equipment.

Chemours Process Off-Gas Consumption

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<th>2015</th>
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<td>(trillions of BTUs)</td>
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Water

Protecting water supplies and using them responsibly.

Water covers 71% of our planet and makes up two-thirds of our bodies. And it’s a part of everything we do at Chemours. That’s why we’re committed to treating it responsibly, not just because water is essential to our business, but because it’s essential to our lives, our communities, and our planet.

At Chemours, we recognize our responsibility to protect water supplies and use them wisely. Our neighbors and surrounding communities expect us to treat our shared water with respect by minimizing impacts from our manufacturing operations. For us this means going beyond our legal and regulatory requirements to address local community expectations now and in the future.

We will do this by completing comprehensive sustainability assessments at each of our manufacturing facilities, measuring their performance against all our 2030 Corporate Responsibility Commitment goals. These assessments help us identify new opportunities and take action towards meeting this goal of reducing air and water emissions of fluorinated organic chemicals, advance our climate goals, and identify further opportunities to improve the performance of our manufacturing operations. We plan to complete initial assessments at all our global sites between now and the end of 2021. After the initial assessment is completed at a site, we will survey it annually to monitor its progress acting on the identified improvement ideas. A proof point of this goal is already underway at our Fayetteville Works facility in North Carolina.

Chemours is a leading company in fluoroproducts, and we take seriously our obligation to manage these compounds in a responsible and safe manner. As the global market leader, our expertise in this chemistry

2017 Corporate Responsibility Commitment Report

Back to TOC
is unmatched, and no one is in a better place to take a leadership position, by creating an industry-leading emissions-control model for the future, than Chemours.

Case Study

When the community around the Fayetteville Works plant first expressed concerns about our emissions, we responded quickly and took significant actions, including capturing our wastewater to reduce our discharges and installing carbon adsorption units to reduce our air emissions.

We deployed a dedicated team of highly skilled scientists and engineers, including outside experts, to design specialized, long-term solutions and are investing over $100 million to make our Fayetteville Works plant a world-class emissions-control facility.

The investment includes an array of state-of-the-art emission-control technologies, including a thermal oxidizer, a thermolysis reactor, and other technology, which in combination achieve an overall 99% reduction of air and water emissions of C3 dimer acid and other per- and polyfluoroalkyl substance compounds. We expect Fayetteville to reach this goal by the end of 2019.

Water

Water Usage

Water Use
Water used:
• In our manufacturing process
• As drinking water for our employees
• As a component in some of our products
• To cool our manufacturing equipment

Water Consumed
Water that is:
• Lost to evaporation
• Incorporated into products
• Returned to a water body other than its source of origin

Water Availability

We also understand that our responsibility doesn’t stop with just protecting water quality. In many regions, water risks are increasing, and having access to enough water is becoming more of a concern. Our industry requires a certain amount of water to operate, and we recognize we need to use this shared natural resource wisely everywhere we operate. As a result, we track the volumes of water flowing through our sites.

2030 GOAL

Reduce air and water process emissions of fluorinated organic chemicals by 99% or greater.
Chemours Water Analysis

In 2017, we used 82 billion gallons of water to make our products, most of which was sourced from and returned to nearby rivers. While 2016 and 2017 saw an increase over 2015 in the volume of water we used and discharged in absolute terms, this difference was largely due to the expansion of our manufacturing facility in Altamira, Mexico. When normalized for production, the water intensity (gallons per pound of sales product) of our operations remained relatively stable.

As we continue to closely monitor our water use, we aim to further improve our water management practices and make the most efficient use of this resource, paying close attention to water availability needs in regions where we operate.

Beginning in 2017, we took a first step in our management plan to conduct a risk analysis on all site watersheds, using the World Resources Institute’s Aqueduct tool. This process will help us better understand the demands on water where we operate, across our manufacturing, research, and office locations. The output from this analysis will guide us in developing water stewardship plans for each of our manufacturing sites, starting first with the sites most at risk for watershed stress. The stewardship plans will consider all water users in the watershed, evaluate water needs, and identify opportunities to improve recycling and conservation efforts as well as water quantity and quality in the watershed. As we learn more while we develop these water stewardship plans, we may refine our goal to also address water availability.
We are committed to practicing responsible chemistry, supplying the essential products the world needs in a safe, responsible way. That promise extends into every corner of our business, including items that never make it into our products.

Waste generation is unavoidable; however, we can make a positive difference by continually improving our waste management practices. Our Environment, Health, Safety, and Sustainability (EHS&S) policy guides us in how we manage our waste footprint. This policy is a key component of our EHS Management System, which is founded in our adherence to the ACC’s Responsible Care program and demonstrated through our ISO 14001 certifications. Our Chemours EHS Council sponsors audits throughout our global operations to check on our progress and identify opportunities to improve how we manage our waste and emissions; this is a cornerstone for operating responsibly.

How We Define Waste
Since “waste” means different things depending on your point of view, it is important to have shared definitions. When we refer to different types of waste and emissions, this is what we mean:

Waste. Waste is solids, liquids, sludges, or vapor materials that undergo varying degrees of treatment prior to disposal or being discharged from our sites in accordance with local and national regulations. We further define our waste as either solid waste or chemical emissions to the air or water.
Waste

Solid Waste. This is material that is sent for treatment or disposal using landfills, incineration, underground injection wells, or third parties. Solid waste may also be recycled or recovered for beneficial reuse, including energy recovery.

Non-Greenhouse Gas Emissions. These are gas emissions, which we track elsewhere, that are outside the GHG reporting scope, and include nitrogen oxides (NOx), sulfur oxides (SOx), and volatile organic compounds (VOC).

Fluorinated Organic Compound Emissions. These are emissions of fluorinated organic compounds to air and water from our manufacturing processes. Fluorinated organic compounds are defined as compounds containing one or more carbon-fluorine bonds. Air emissions of these compounds are tracked for GHG reporting purposes, and both air and water emissions will be tracked for our water quality goal.

Water Emissions. Water emissions include organic and inorganic substances that undergo varying degrees of treatment and/or waste minimization prior to being discharged from our sites and are reported to the appropriate agencies in accordance with local and national regulations.

This report shares data from manufacturing sites within Chemours’ operational control at year-end 2017. At several of our manufacturing facilities, we act as a landlord and provide services to our tenants. This results in additional waste generation, treatment, and disposal. We subtracted these tenant quantities from total site quantities to arrive at a Chemours operations waste footprint. Therefore, the quantities reported here may be different from those reported for regulatory compliance, which include quantities associated with our tenants’ operations. Upon request, we provide data to our tenants for their sustainability reporting. Chemours also has an ownership position in several joint ventures that are separately held corporations operated by the joint venture, not Chemours. The waste and emissions from these joint ventures are considered separately and are not included in our Chemours waste data.

Non-GHG Emissions to Air
Quantities of non-GHG emissions at our manufacturing facilities are monitored, recorded, and reported.

2017 NOx and SOx Emissions

The NOx and SOx reductions we recorded in 2016 and 2017 are due to upgrading coal–fired boilers to natural gas–fired boilers at our DeLisle, Mississippi, site. The project was completed in November 2016, with the first full year of emissions reductions observed in 2017. We have one remaining site, in Parkersburg, West Virginia, that still uses coal–fired boilers, and we are on the path to convert that site to natural gas. We expect further reductions in NOx and SOx emissions when that work is completed in 2020.

VOC emissions remained flat from 2015 to 2017, averaging 3,000 MT per year at an intensity of 0.0015 MT VOC/MT sales product.

Case Study

Reducing Emissions and Waste at the DeLisle, Mississippi Facility
When evaluating changes at our DeLisle plant, we grappled with how to meet new regulatory requirements. Sustainability played a part in that decision. Instead of retrofiting the existing boilers, the plant decided to convert from older coal-fired boilers to new gas-fired boilers. The conversion, completed in November 2016, significantly reduced NOx and SOx emissions, reduced boiler GHG emissions by 43%, improved boiler reliability and efficiency, eliminated the need to purchase,
transport, store, and use large quantities of coal, and resulted in 10,200 MT less solid waste sent for landfill disposal. We saw major benefits at once, and in 2017, the first full year after installation, total NOx and SOx emissions went down by nearly 5,000 MT.

Solid Waste
Solid waste is classified by regional law as either non-hazardous or hazardous waste. The amounts of solid waste reported here include waste that is generated during normal operation and maintenance activities and is sent to landfills, incinerated, introduced into deep underground injection wells, or sent to third-party treatment facilities. Also included in our total waste data are quantities recovered for recycling or beneficial reuse. In 2017, we recovered approximately 16% of generated waste for beneficial reuse, with most of that reuse attributed to our Kuan Yin, Taiwan, site, where the reused material is certified by the government as a renewable resource. The material is then reused and transformed into a co-product, a cement aggregate material, for use by the construction industry.

The observed 2017 increases in total waste generation were largely due to the start-up of the new production line at our manufacturing facility in Altamira, Mexico.

Landfilling makes up the single largest component of our waste disposal management actions. In 2017, our landfill intensity was 0.42 cubic meters of landfill volume per metric ton of sales product, for a total of 0.9 million cubic meters of landfilled waste.

Unfortunately, building landfills consumes land, a valuable natural resource that provides habitat to support diverse ecosystems, helps to increase the availability of clean water, and can sequester CO₂. As a result, we consider landfill waste to be a key target of our ongoing waste management efforts, aiming to reduce landfill volume intensity by 70% from our 2018 baseline.
We are identifying alternate disposal outlets for our waste, including increasing the use of deep disposal wells for underground waste injection. We believe underground injection control (UIC) is more sustainable than landfilling because it:

- Provides better protection for shallow drinking water sources
- Protects water quality by reducing process emissions to surface water systems
- Provides reliable protective, long-term waste containment
- Is less resource-intensive to process the waste
- Is less intrusive to neighbors due to reduced truck traffic
- Consumes fewer land resources

Our beliefs are supported by an analysis conducted by the U.S. Environmental Protection Agency.¹

Currently, disposal is the best option we have for managing a significant percentage of our waste stream. We believe we can do better. We are developing a clear picture of our waste stream according to waste type as we develop our 2018 waste baseline, and we will continue to investigate alternatives both to reduce total waste generated and for beneficial waste reuse.

We’re encouraging every part of our company to rethink our waste management strategies in an effort to reduce our landfilling impact on land and habitat. Starting now, we’re challenging all our global sites to achieve zero landfill status.

1 In their 2001 analysis of risks associated with Class I underground injection wells, they stated that “Class I hazardous wells are safer than virtually any other waste disposal practice.”
Evolved Portfolio

Reimagining our portfolio with offerings that deliver the essentials of modern living and help achieve the UNSDGs.

Our portfolio offerings create a better, more comfortable world, but we must extend the frontiers of chemistry to produce vital solutions in more responsible, sustainable ways. Along the way, we’ll serve as a beacon, guiding our partners as they join us in improving the sustainability of our supply chain.

The world needs our chemistry more than ever before. It also demands that we deliver our crucial solutions responsibly and without compromise. People want a cool home and lightning-fast mobile communications without warming the planet. We’re reimagining what chemistry can do, what we produce, and how we produce it in order to improve performance and meet the demands of a changing world and the global needs outlined in the UNSDGs. We’re cementing our commitment into our business plans and setting similar expectations with our supply chain partners.
Sustainable Offerings

Meeting the demands of the world responsibly with a new approach to our product and service offerings.

We’re building a new kind of chemistry company—one that balances the essentials of life with a commitment to produce responsible products to meet the demands of a changing world.

Our commitment to reimagine our portfolio extends to every part of our business and along the whole value chain. We call this responsible chemistry, and it is changing the way we work in our three main business segments: fluoroproducts, chemical solutions, and titanium technologies. It is also helping our customers become more responsible and assisting them in meeting their own commitments. Starting now, we are linking our business opportunities with our corporate responsibility plans.

This is crucial. A huge swath of people will enter the global middle class in the coming decade, and urbanization will continue to rise. These trends will have important environmental and social implications as the desire for the essential goods that define modern life continues to grow. Chemours’ responsible chemistry will help meet the demand for consumer electronics, refrigerators, air conditioners, automobiles, wearable devices, and paint, while providing essential chemistry to create cutting-edge technology for 5G communications, connectivity through the internet of things, and virtual medical services.

Responsible Chemistry
Responsible chemistry demands that we consider the impacts of a product from the birth of the idea to its production, use, and ultimate end of life. At Chemours we recognize that our primary responsibility is to ensure that our products are legal, safe, and trusted. Globally, we must comply with applicable legal requirements, ensure our products are made and handled under safe conditions, and inspire trust by meeting or exceeding societal expectations.
We conduct product sustainability risk assessments for our products and applications to help identify potential risks and opportunities across our value chains. In 2017, we performed some internal life cycle assessments (LCAs) of our products to provide insights into what impacts they have from manufacturing, use, and disposal. Product design and development are core to product stewardship, as they influence sustainability at each stage of the life cycle. We will use a more comprehensive methodology and LCA tool to better evaluate our products and offerings. Moreover, we will work collaboratively throughout our organization to deliver deeper insights, develop more strategic choices, and guide responsible decision-making.

We see product sustainability as more than life cycle management. We see it as an opportunity where good business and sustainable commitment overlap.

The UNSDGs are a priority for us, and we believe that by re-imagining our portfolio we will unleash our potential to contribute to their success. Achieving our sustainable offerings goal will require us to ensure that our offerings align with and positively contribute to these goals through product applications and solutions for a world that demands more of us. We will more fully evaluate and baseline our offerings across our value chains and establish a credible methodology to substantiate their contribution to the UNSDGs. As we develop and demonstrate progress on this goal, we will share updates in our future CRC reports.

**Regulatory Compliance**

In many industries, regulations guide the way business runs. These requirements are within the framework of our product sustainability program. In many cases, we are moving beyond compliance. In fact, we’re pushing for new regulation and working with trade associations and regulators to set new standards and help develop smart public policy. We track, analyze, and anticipate current and future product and related inputs, as well as issues and trends that will help us explore new market opportunities.

**Hazard Communications**

At Chemours, our safety obsession extends to the customers and consumers who use our products. Our Hazard Communications Program is an ongoing effort to ensure the accuracy, increase the quality, and simplify the presentation of product safety information. That way, employees, customers, and users have the best information available on handling and disposing of any hazardous products safely. We’re standardizing and streamlining the thousands of documents that comprise our product labels and safety data sheets.

**Toxicology**

The Chemours toxicology team assesses the human health, ecological, and environmental impacts of Chemours products and research and development (R&D) projects through a range of standard and custom toxicology studies and interaction with regulatory authorities, customers, and other key stakeholders. These assessments help identify health and

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**2030 GOAL**

50% or more of our revenue will be from offerings that make a specific contribution to the United Nations Sustainable Development Goals.
environmental risk, which informs product development, selection, and sustainability. These assessments form the foundation of our product sustainability program.

Research, Development, and Innovation
We’re a relentlessly curious bunch. We combine our deeply experienced people, responsible chemistry, research expertise, and keen attention to customers’ present and future needs to unlock opportunities. Customer centered and focused on continuous improvement, we innovate to meet our customers’ demand for the best possible products.

Innovation and corporate responsibility go hand-in-hand for us. We invest in environmental improvements in manufacturing and production to minimize our footprint. We also tie full-life cycle human health and environmental risk assessments to our development pipeline. For example, 100% of our investment made in fluoroproducts businesses includes a sustainability review as part of its development pathway.

Chef ours is proud to offer a number of products that represent a significant step forward in responsibility. Some, like Opteon™ and Teflon EcoElite™, are incumbents. Others are just now hitting the market, while some are still in the development phase. We are always striving to make our products better so they can be used by more customers for more applications with a smaller footprint.

Sustainable Portfolio Management in Action

Opteon™
- Opteon™—a refrigerant product that delivers increased efficiency to customers while significantly lowering the GWP of refrigeration.
- Opteon™ had replaced existing refrigerants in over 50 million cars on the road by the end of 2017. That’s like taking 7.5 million cars off the road each year, resulting in a significant carbon-reduction benefit to society.

Teflon EcoElite™
- Teflon EcoElite™—the first bio-based, renewably sourced, water-repellent fabric protector. This innovative product has wide-ranging performance and sustainability attributes.
- Teflon EcoElite™ contains 60% renewable content and is recognized as a USDA-certified bio-based product. It is up to three times more durable than existing non-fluorinated repellents, while maintaining fabric breathability for maximum comfort.
- The chemistry for Teflon EcoElite™ is bluesign® approved. The bluesign® system is the solution for sustainable textile production. It eliminates harmful substances right from the beginning of the manufacturing process and sets and controls standards for an environmentally friendly and safe production.

Nafion™
- Nafion™ products—fluorinated membranes that help power the renewable energy grid by storing wind and solar energy, providing society with benefits of a lower-carbon economy.
- Nafion™ membrane solutions offer superior durability and enable emissions reductions, faster demand response, and advanced integration of distributed energy sources.
- Nafion™ membranes have been the leading environmentally sound and reliable products of choice for chlor-alkali producers since their invention decades ago.

Ti-Pure™
- Ti-Pure™—a high-quality TiO₂ product used to enhance many everyday materials.
- Ti-Pure™ protects products from sunlight and UV radiation, slowing down the degradation time for a wide range of products—from solar panels to bridges.
Sustainable Offerings

Glyclean™

- Glyclean™ AM is a biodegradable, low VOC, disinfecting active-cleaning agent used in a variety of household cleaners.

- Reliant on pine oil as a part of its EPA-registered product formulation, and in the face of diminishing pine oil supplies, The Clorox Company selected Glyclean™ as a viable option for use in its Pine-Sol® cleaning product formulations. The selection of Glyclean™ enabled Pine-Sol® to maintain its EPA listing as a registered disinfectant.

- In 2017, Clorox also enlisted Glyclean™ to launch two innovative product lines: Clorox® Scentiva™ disinfectants and Clorox® ToiletWand® disposable toilet cleaning systems.

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Sustainable Supply Chain

Extending our responsibility commitment throughout our supply chain.

We are passionate about the new era of responsible chemistry, and we won’t stop at the borders of our own company to achieve it. We want to encourage responsible chemistry all through our supply chain via sustainable procurement. Our ongoing efforts and corporate culture have helped us establish a strong starting point, but we aim to go further.

Sustainable Procurement

Our ethos of responsible chemistry drives us to produce the essential products the world needs with the responsibility the world demands. We do this through the dedicated efforts of our people and in partnership with our customers and our communities. We also collaborate with a whole network of other companies to supply the raw materials and services we need to create our essential products, and we are working with them to extend responsible chemistry into their businesses. We want them to have a positive impact on their employees, their communities, and our planet. And to help them achieve that, we’ve developed sustainable procurement practices which fall into three main areas: partners, ways of working, and communities.

Sustainable Procurement Roadmap

We Are Sustainable Procurement Partners with Our Stakeholders, Clients, Customers & Partners

- 2017: Conception, Strategy & Roadmap
- 2018: Fundamentals, Standardization & Development
- 2019: Engagement, Alignment & Collaboration
- 2020: Trusted & Valued

Sustainable Value
Our Partners
We have over 13,000 suppliers spread out over 130 countries. Encouraging them to adopt responsible chemistry too will have a large impact on the sustainability of our shared output. We do so through a refreshed Supplier Code of Conduct, which establishes the expectations we have for our suppliers and gives us a mechanism to evaluate them. We choose to work with suppliers that provide a safe workplace for their employees, comply with all laws and regulations, protect and advance human rights, and collaborate with us for great results. In simple terms, we expect our suppliers to uphold the high standard to which we hold ourselves accountable.

Many of our suppliers are well along in their sustainability journey. Some are behind, but by working with all our partners, we can improve the sustainability of the world in which we live.

Our Ways of Working
Achieving our goal of improving the sustainability of our value chain requires changes from us as well, particularly in the way we work with vendors. Our procurement departments must foster a new level of knowledge and competencies, assess our definition of value delivery, and continue the evolution of our operating structure.

We will continue to invest in building competencies within our organization while reimagining how we operate. However, the major development is our shift to a total cost of ownership (TCO) model. This shifts us away from a short-term mindset to one that is more responsibility focused. Key to this is recognizing that one of the costs from a supplier is their impact on the planet. By considering that cost in our purchasing decisions, we can help make sure our sustainability commitments are reflected in our business decisions.

Our Community
Chemours is on a journey to build a diverse, inclusive workforce with gender balance. We are looking to reflect our internal diversity commitment in our choice of vendors. We want to be sure we practice innovation through inclusion and diversity by including competition from small, local businesses that are women, and minority, owned and operated, are part of our communities and consistent with our value for ownership and entrepreneurship. Our supplier diversity program strives to promote innovation, provides multiple channels from which to procure goods and services, drives competition, satisfies customer requirements, and fosters commitment to the economic growth of all communities.

2030 GOAL
Baseline the sustainability performance of 80% of suppliers by spend and demonstrate 15% improvement.
In Sum

Rooted in our values and inextricably linked to our growth, the Chemours Corporate Responsibility Commitment goals express our steadfast resolve to operate each day as a different kind of chemistry company. They reflect who we are and what we strive to be—a company dedicated to doing what’s right not just for business, but also for a workforce of inspired people, the planet we all share, and a portfolio that evolves as the needs of our customers and the world evolve.

Chemistry powers everything around us. And we use our chemistry to make the world cleaner, more colorful, and more capable—balancing the essential with the responsible.

We invite every company in our industry to join us on this journey to provide enabling, innovative, chemistry-based solutions to a world that demands more. We are Chemours…a different kind of chemistry company.
This glossary offers links, definitions or further explanation of terms used in this report.

**American Chemistry Council (ACC)** — The ACC represents a diverse set of companies engaged in the business of chemistry.

**bluesign®** — The bluesign® system is the solution for sustainable textile production. It eliminates harmful substances right from the beginning of the manufacturing process and sets and controls standards for an environmentally friendly and safe production.

**Chemours Environment, Health, and Safety Excellence Award** — This award is given to plants that reach the top quartile of performance using the ACC industry safety metrics.

**Deep Injection Well** — Class I underground injection wells are used to inject hazardous and non-hazardous waste into deep, isolated rock formations that are thousands of feet below the lowermost underground source of drinking water. The injection zone is separated from any aquifers by an impermeable “cap” rock called the confining layer, along with additional layers of permeable and impermeable rock and sediment.

**Greenhouse Gas Protocol (GHG): A Corporate Accounting and Reporting Standard** — The GHG Protocol Corporate Accounting and Reporting Standard provides requirements and guidance for companies and other organizations when preparing a corporate-level GHG emissions inventory. The standard covers the accounting and reporting of seven greenhouse gases covered by the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆) and nitrogen trifluoride (NF₃). It was updated in 2015 with the Scope 2 Guidance, which allows companies to credibly measure and report emissions from purchased or acquired electricity, steam, heat, and cooling. Companies may additionally report GHG emissions from other gases not covered by the Kyoto Protocol, such as chlorofluorocarbons and other fluorinated compounds. CO₂e stands for carbon dioxide equivalents, and is a standard unit for measuring carbon footprints.

- **GHG Scope 1.** Scope 1 emissions are the greenhouse gases produced directly from sources that are owned or controlled by Chemours – for example, from our manufacturing processes and equipment or from...
combustion of fuel in vehicles, boilers, and furnaces. Emissions produced from renewable fuel sources (e.g., landfill gas or biogas) are not reported as scope 1 emissions.

• GHG Scope 2. Scope 2 emissions are the indirect greenhouse gases resulting from the generation of electricity, heating and cooling, and steam off-site but purchased by the entity. Scope 2 emissions physically occur at the facility where electricity and steam are generated and not at Chemours locations.

• GHG Scope 3. Scope 3 emissions are indirect emissions that organizations produce through their activities, but arise from sources not owned or controlled by the organization. Examples of such activities include business travel, commuting, supply chain (procurement), product use, product end of life, waste, and water. The GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard provided by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD) allows companies to assess their entire value chain emissions impact and identify where to focus reduction activities. The three categories assessed in this report include purchased goods and services, upstream transportation, and use of our refrigeration products.

United Nations Sustainable Development Goals—The Sustainable Development Goals are a collection of 17 global goals set by the United Nations General Assembly. The SDGs are part of Resolution 70/1 of the General Assembly: “Transforming Our World: The 2030 Agenda for Sustainable Development.” The goals are broad and interdependent, yet each has a separate list of targets to achieve. Achieving all 169 targets would signal the accomplishment of all 17 goals. The SDGs cover social and economic development issues, including poverty, hunger, health, education, global warming, gender equality, water, sanitation, energy, urbanization, the environment, and social justice.

United States Department of Agriculture USDA-Certified Bio-Based Product—The USDA’s BioPreferred® Program Catalog assists users in identifying products that qualify for mandatory federal purchasing, are certified through the voluntary labeling initiative, or both.

United States Occupational Safety and Health Administration’s Voluntary Protection Program—The Voluntary Protection Program (VPP) recognizes employers and workers in the private industry and federal agencies who have implemented effective safety and health management systems and maintain injury and illness rates below national Bureau of Labor Statistics averages for their respective industries.

Waste

• Waste. Waste is solids, liquids, sludges, or vapor materials that undergo varying degrees of treatment prior to disposal or being discharged from our sites in accordance with local and national regulations. We further define our waste as either solid waste or chemical emissions to the air or water.

• Fluorinated Organic Compound Emissions. These are emissions of fluorinated organic compounds to keep global temperature increase below 2°C compared to preindustrial temperatures, as described in the Fifth Assessment Report of the United Nations Intergovernmental Panel on Climate Change (IPCC AR5).
air and water from our manufacturing processes. Fluorinated organic compounds are defined as compounds containing one or more carbon-fluoride bonds. Air emissions of these compounds are tracked for GHG reporting purposes, and both air and water emissions will be tracked for our water quality goal.

- **Hazardous and Non-Hazardous Waste.** Classified by regional law.

- **Non-Greenhouse Gas (GHG) Emissions.** These are gas emissions that are outside of the GHG reporting scope and include emissions of nitrogen oxides (NOx), sulfur oxides (SOx), and Volatile Organic Compounds (VOC).

- **Solid Waste.** This is material that is sent for treatment or disposal using landfills, incineration, underground injection wells, or third parties. Solid waste may also be recycled or recovered for beneficial reuse, including energy recovery.

- **Water Emissions.** Water emissions include organic and inorganic substances that undergo varying degrees of treatment and/or waste minimization prior to being discharged from our sites, and are reported to the appropriate agencies in accordance with local and national regulations. As we develop our water stewardship plans, we will be upgrading our water emissions evaluation approach.

**Water**

- **Water Use.** Water is used in our manufacturing processes as drinking water for our employees, as a component in some of our products, and for cooling our manufacturing equipment.

- **Water Intake.** Sources include water drawn directly from surface water, pumped from groundwater wells, and purchased from local municipal treatment facilities.

- **Water Consumed.** This is water that is lost to evaporation, incorporated into products, or returned to a water body other than its source of origin.

**World Resources Institute Aqueduct Tool**—Aqueduct is a global water risk mapping tool that helps companies, investors, governments, and other users understand where and how water risks and opportunities are emerging worldwide.

**ACRONYMS**

- ACC – American Chemistry Council
- BTU – British Thermal Unit
- CET – Chemours Executive Team
- CH₄ – Methane
- CRC – Corporate Responsibility Commitment
- CRLT – Corporate Responsibility Leadership Team
- CO₂ – Carbon Dioxide
- CO₂e – Carbon Dioxide Equivalents
- EHS&S – Environmental, Health, Safety, and Sustainability
- ERG – Employee Resource Group
- GHG – Greenhouse Gas
- GWP – Global Warming Potential
- HCFC – Hydrochlorofluorocarbon
- HFC – Hydrofluorocarbon
- LCA – Life Cycle Assessment
- MT – Metric Ton
- NF₃ – Nitrogen Trifluoride
- N₂O – Nitrous Oxide
- NOx – Nitrogen Oxides
- OHI – Organizational Health Index
- PFC – Perfluorocarbon
- PSE – Process Safety Event
- PSM – Process Safety Management
- RCMS – Responsible Care® Management System
- SBT – Science-Based Target
- SF₆ – Sulfur Hexafluoride
- SOx – Sulfur Oxides
- STEM – Science, Technology, Engineering, and Math
- SVHC – Substances of Very High Concern
- TCO – Total Cost of Ownership
- TiO₂ – Titanium Dioxide
- UIC – Underground Injection Control
- UNGC – United Nations Global Compact
- UNSDGs – United Nations Sustainable Development Goals
- VOC – Volatile Organic Compound
- VPP – Voluntary Protection Program
COMMITMENTS, POLICY AND POSITIONS

Responsible Chemistry
- Environmental, Health, Safety and Sustainability Policy
- Inclusive Environment and Non-Discrimination Policy

Inspired People
- Chemours Code of Conduct
- Chemours Ethics Hotline
- Chemours Statement of Principles on Child Labor, Forced Labor and Modern Slavery
- Chemours Statement on Human Rights

Shared Planet
- Climate Change: Our Pledge

Evolved Portfolio
- Chemours Statement of California Transparency Supply Chains Act
- Chemours Statement on Conflict Minerals
- Conflict Minerals: Specialized Disclosure Report
- ISO 14001 2015: EMS Certificate
- REACH General Statement
- Chemours Substances of Very High Concern (SVHC) General Statement
- Supplier Code of Conduct