

The background of the page features a large, abstract graphic of blue, flowing lines that resemble waves or a ribbon, curving across the page from the bottom left towards the top right. The lines are composed of many thin, parallel strokes, creating a sense of movement and depth. The color transitions from a light, airy blue to a slightly darker, more saturated blue as the waves curve.

2017
Sustainability Report

ADVANSix

Letter From the CEO



AdvanSix is proud to share our first Sustainability Report. We are a diverse and environmentally responsible enterprise with core values of safety, accountability, integrity and respect. This report highlights the work we are doing across our company and in our communities to bring these values to life and to ensure a sustainable future.

We demonstrate our commitment every day through operational, commercial and functional excellence, a deep sense of community involvement, and robust environmental performance.

The materials we produce through our advantaged and integrated value chain are found in a wide range of end-products. From carpet, to fertilizer, to paints and other solvents, AdvanSix products support our customers' goals and create value.

In 2017, we achieved record safety performance, while at the same time setting numerous production records across our integrated plant network. On the way to these accomplishments, we engaged in a wide range of activities that focused on safety, mitigated risk, protected our environment, contributed to our communities, encouraged continuous improvement, and promoted a culture of compliance.

We didn't do this alone – AdvanSix is fortunate to partner with many national and local organizations who inform and support our sustainability efforts. We adhere to the American Chemistry Council's Responsible Care® principles, committing to lead in ethical ways, reduce risk, continually improve, and operate in a safe, secure and environmentally conscious manner. Our dedicated and talented employee teams drive collaborative efforts to make our communities and our environment better and safer.

Our inaugural report is intended to educate our employees, customers, shareholders and communities about the many ongoing initiatives at AdvanSix. You'll read about *our people* who are the foundation of our business and our success; *our work in the community* where we have strong and growing relationships with organizations ranging from local first responders to state-wide economic development councils to national industry groups; and *our environment*, where AdvanSix strives to be a good steward in all we do, aiming to reduce our impact on the natural world in alignment with our strategies for growth.

This is an exciting platform to share information about our work and commitment in this arena. We hope our shareholders will support us as responsible leaders in our industry; our vendors and customers will join us in this journey; and our employees will be inspired to continue their enthusiastic efforts in making AdvanSix a great place to work.

As we continue to challenge ourselves and grow, sustainability will be critical to our success. We are proud of our story today and are excited for what's to come.

A handwritten signature in black ink that reads "Erin N. Kane". The signature is fluid and cursive.

Erin N. Kane
President and CEO
AdvanSix

Forward Looking Statements

This report contains certain statements that may be deemed “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical fact, that address activities, events or developments that our management intends, expects, projects, believes or anticipates will or may occur in the future are forward-looking statements. Forward-looking statements may be identified by words like “expect,” “anticipate,” “estimate,” “outlook”, “project,” “strategy,” “intend,” “plan,” “target,” “goal,” “may,” “will,” “should” and “believe” or other variations or similar terminology. Although we believe forward-looking statements are based upon reasonable assumptions, such statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results or performance of the company to be materially different from any future results or performance expressed or implied by such forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this report. Such forward-looking statements are not guarantees of future performance, and actual results, developments and business decisions may differ from those envisaged by such forward-looking statements. We identify the principal risks and uncertainties that affect our performance in our filings with the Securities and Exchange Commission, including our Annual Report on Form 10-K for the year ended December 31, 2017 and our subsequent Quarterly Reports on Form 10-Q.

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Materiality Assessment

The information in this Sustainability Report is the result of a collaborative, cross-functional effort to guide the development of our sustainability program. AdvanSix conducted an in-depth Materiality Assessment to determine what aspects of sustainability are most critical to both internal and external stakeholders, as well as the success of our company.

Through this process, we examined sustainability elements, including a comprehensive review of the criticality and feasibility of social, environmental and economic issues, with input from senior leadership, managers, as well as operations and facility employees. Critical to our efforts was incorporating the feedback of internal management that interacts with, and solicits feedback from, critical stakeholders to the company such as customers, suppliers, investors and others who are vested in the continued growth of our operations.

For this report, AdvanSix considered peer benchmarking and desktop research of sustainability reporting frameworks to assess and determine areas of sustainability focus. As a result of these efforts, some of the most important factors identified were safety performance, environmental compliance, quality and product performance, and operational impacts.

Company Overview

AdvanSix became a standalone, public company in October 2016 after being spun-off from Honeywell International, bringing with it a nearly 90-year legacy of success as a chemical industry leader and technology pioneer. The company is a fully integrated manufacturer of Nylon 6 resins, chemical intermediates, and ammonium sulfate fertilizers that leverages the extensive knowledge and experience learned over many years to both innovate and reliably and securely supply products that make us a trusted partner for our customers.

Rooted in a rich history, we understand the importance of delivering on an advancing product portfolio and utilizing improved manufacturing technologies that will help reduce harmful impact to our planet and help care for and feed its inhabitants.

AdvanSix is a leading manufacturer of Nylon 6, a polymer resin which is a synthetic material used by our customers to produce fiber, engineered plastics, filaments, and films. These products, in turn, are used in a wide range of end-products, including carpet, automotive and electrical components, sports apparel, and food

and industrial packaging. As a result of our backward integration and the configuration of our manufacturing facilities, we also sell caprolactam, ammonium sulfate fertilizer, acetone and other intermediate chemicals.

The global population is expected to reach more than nine billion people by 2050, little more than 30 years from now. Global growth can lead to new opportunities, but at the same time requires a thoughtful approach and commitment to sustainability. At AdvanSix, we supply fertilizer that growers use to maximize crop yields for the efficient use of arable land; our nylon is being used to create flexible packaging that helps extend the shelf life of food; and we produce intermediates that create value in commercial and industrial use.

We strive every day not only to create a culture of continuous improvement, but to enable our customers to become leaders in their industries—and to support their sustainability efforts.

For information on AdvanSix's financial condition, governance and leadership, and workforce and operations, refer to our [Investor Webpage](#) and our [2017 Annual Report](#).



Profile

NYSE: ASIX

Spin-off from Honeywell: October 1, 2016

2017 Revenue: ~\$1.5B

Employees: ~1,510

Four U.S. Manufacturing Sites

HQ: Parsippany, NJ

Product Portfolio

	NYLON	AMMONIUM SULFATE	CHEMICAL INTERMEDIATES
Description	Leading vertically integrated Nylon 6 producer	Key co-product portfolio delivers on sulfur nutrition value proposition	Manufacture, market and sell chemical products derived from the processes within our integrated chain
Products	Caprolactam (Flake and Molten) Nylon 6 Resin Nylon 6/66 Copolymer Resin Nylon Films	Ammonium Sulfate fertilizer Granular Mid-grade Standard	Acetone Phenol Cyclohexanone / Cyclohexanol Alpha-Methylstyrene Oximes Sulfuric Acid Carbon Dioxide
End-use Applications	Carpets Plastics Packaging Textiles Other	Crop and lawn/turf fertilizer	Paints / Coatings Construction Materials Engineered Resins Adhesives Other
			

Responsible Care®

AdvanSix is a Responsible Care® company with a sharp focus on safety and advancing a sustainable enterprise, supported by more than 1,500 dedicated employees. Since 1988, Responsible Care® has helped ACC member and partner companies improve the health and safety of employees, the communities in which they operate, and the environment.

We engage in open and honest dialogue with all our key stakeholders including employees, business partners, public authorities and our communities to discuss their concerns, present our actions and communicate results.

We adhere to the [Responsible Care® Guiding Principles](#), which encourage:

- Ethical leadership
- Product safety
- A culture which reduces and manages process safety risk
- Reduction of pollution and waste
- Continuous improvement in environmental, health, safety, and security performance

HSE Values

AdvanSix is committed to safety as a core value, protecting our people and the environment, achieving sustainable growth and continuous improvement of our operations, engaging and collaborating with stakeholders, and driving compliance with all applicable regulations.

Our health, safety, and environmental management systems reflect our values and help us meet our business objectives. (Visit [HSE Values](#))



RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY
30 YEARS

Our Facilities

Integrated Production

Our vertically integrated and cost advantaged North American value chain ensures reliable product supply to more than 500 customers around the world.



Second largest producer of Phenol and Acetone in North America.



One of world's largest single-site producers of Caprolactam and Ammonium Sulfate fertilizer.



Second largest U.S. site for Nylon 6 production.



Producer of Nylon Films for packaging and other applications.



Research and development lab with about 40 scientists and researchers with advanced degrees in polymer synthesis, catalysis, and chemical engineering.

Our manufacturing sites are ISO9001:2015 certified.
Our Chesterfield facility and Parsippany HQ are RC14001®:2015 certified.
Our goal is for all AdvanSix facilities to be third-party certified to RC14001®:2015.



UN Sustainable Development Goals

The United Nations Sustainable Development Goals (SDGs) provide the framework for stimulating sustainable growth in the areas of: People, Planet, Prosperity, Peace, and Partnership. In support of these 17 goals and 169 targets, AdvanSix has listed certain initiatives that among others, we believe particularly align with our values.

SDG	AdvanSix Initiatives
<p>1 NO POVERTY</p> 	<ul style="list-style-type: none"> • Community initiatives to end poverty through support of organizations like Rebuilding Together and other local social service organizations. • A defined contribution plan that covers all eligible U.S. employees, through which AdvanSix matches a portion of employee contributions. • A \$750 contribution to the Health Savings Accounts (HSA) plans of employees earning less than \$100,000 to assist with their 2018 out of pocket healthcare costs.
<p>2 ZERO HUNGER</p> 	<ul style="list-style-type: none"> • Our products contribute to the SDG's initiatives for sustainable food production systems and resilient agricultural practices; as a producer of ammonium sulfate, we provide fertilizer used by farmers in many regions around the world. • AdvanSix employs dedicated regional agronomists to educate growers and retailers on the yield value of using ammonium sulfate fertilizer on key crops including corn, wheat, coffee, sugar, and cotton. • Our films used in flexible food packaging extend the shelf life and freshness of many products.
<p>4 QUALITY EDUCATION</p> 	<ul style="list-style-type: none"> • Local educational initiatives, including career training for high schoolers and support of the Bridesburg Boys and Girls Club in Philadelphia. • Early Career Co-op program for college students, which covers all four manufacturing plants. • Tuition assistance and extensive on-site training programs for employees at every level of the organization.
<p>5 GENDER EQUALITY</p> 	<ul style="list-style-type: none"> • AdvanSix respects and values the diversity reflected in our various backgrounds, experiences, and ideas. We seek diversity in our workforce and we provide an inclusive work environment that fosters respect for all our coworkers, clients, and business partners. • Women comprise more than half our leadership team, and our Board has two women out of seven members.
<p>8 DECENT WORK AND ECONOMIC GROWTH</p> 	<ul style="list-style-type: none"> • Our employees are our best asset and the foundation of our success. In 2017, we hired and effectively on-boarded more than 250 people including 30 new Chemical Operators. • Work with numerous local and national partners, contributing millions of dollars to local economies. • Strong relationships with schools including New River Community College to recruit technical resources.
<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 	<ul style="list-style-type: none"> • Our products support growers who are producing crops that help feed a growing population. • Engineered plastics that utilize Nylon 6 and Nylon 6/66 resin are being used in automobiles to reduce weight.

Ethics, Integrity, and Governance

One of the hallmarks of a sustainable enterprise is a transparent culture of integrity and compliance, as well as a commitment to operational excellence including health, safety and environmental performance. Operating with integrity means we are honest and open with each other and with our suppliers, customers, communities and regulators. We cannot have a culture of accountability and continuous improvement without integrity.

AdvanSix's Integrity and Compliance program reflects our core values and helps our employees, representatives, contractors, consultants, and suppliers comply with a high standard of business conduct globally. At the core of the Integrity and Compliance program is the AdvanSix Code of Conduct that applies to all directors, executive officers and employees.

The Code of Conduct serves as a set of baseline requirements that enable employees to recognize and report compliance, integrity, and legal issues. It also outlines our organization's pledge to operate in a safe, ethical and compliant manner, promote a positive workplace, show respect for colleagues and partners, promote development through training that broadens work-related skills, and value diversity of perspectives and ideas.

All AdvanSix employees are required to complete Code of Conduct training and certify their compliance with the Code. In addition, directors and executive officers certify, on an annual basis, their acknowledgment of the Code of Conduct and that they will act in accordance with it. In connection with our ongoing quarterly SEC reporting, key members of management similarly certify their compliance with the Code of Conduct as well as confirmation of their responsibility to report

suspected violations of law, Company policy or the Code of Conduct.

The Code of Conduct provides guidance and outlines expectations in a number of key integrity and compliance areas, including: prohibiting sexual or other unlawful forms of harassment; avoiding conflicts of interest; committing to health, safety and environmental excellence; maintaining accurate books and records; requiring anti-corruption and proper business practices, trade compliance; preventing insider trading; and promoting data privacy, respect for human rights, and the appropriate use of information technology and social media.

AdvanSix ensures there are systems in place for any employee who needs to report or discuss ethical concerns, report on discrimination or human rights issues, or require other assistance, without repercussion.

Resources available to all employees include:

- [A manager or supervisor](#)
- [A Human Resource representative](#)
- [A Business Conduct Leader \(BCL\)](#)
- [A member of the Law Department](#)
- [Local AdvanSix formal complaint, grievance process](#)
- [The ACCESS Integrity and Compliance Helpline, a 24-hour service operated by an independent third-party provider](#)

Ethics, Integrity, and Governance (continued)

All reported issues, whether raised through managers or anonymously through our Helpline, are tracked, investigated and evaluated for appropriate corrective action. These reports and actions are also reported to the Board of Directors on a quarterly (or more frequent) basis.

Anti-Competition

Fair competition creates a healthy marketplace. We seek to win business based on the quality of our products and our services, not through any improper means. For AdvanSix to compete lawfully and with integrity, we ensure employees understand how competition laws apply to their job function and we have in place procedures to work with supervisors and our Law Department in the event of any concerns.

Anti-Corruption

AdvanSix prohibits and does not solicit, give, or receive commercial bribes or unlawful kickbacks and complies with all applicable anti-corruption laws regarding improper payments to government officials. AdvanSix's contracts explicitly prohibit corrupt behaviors.

Political Contributions

Our voluntary engagement in our communities and in the political process gives us a voice in issues like STEM education, skills training, public infrastructure, safety and environmental regulation and public security issues. AdvanSix employees serve on the boards of various local civic and environmental organizations. AdvanSix has not made any political contributions using corporate funds and has no intention of making such political contributions in the future.

Charitable Activities

AdvanSix is committed to social responsibility, including support of charitable activities in our local communities. AdvanSix may engage in such charitable activities, so long as both the charity and the activity have been approved by executive management and the Law Department.

Building Diversity

AdvanSix respects and values the diversity reflected in our various backgrounds, experiences, and ideas. Together, we provide an inclusive work environment that fosters respect for all our co-workers, customers, and business partners. Our workplace reflects the diversity of the communities in which we operate, and we are committed to policies that provide employees a workplace that is free from unlawful discrimination, harassment (including with respect to gender, race, disability, ethnicity, nationality, religion, LGBTQ), or any personal behavior not conducive to a collegial and productive work climate. Our policy of inclusion applies at all levels of our organization from our facility operations to our senior management team, our executive team and our Board of Directors.

Ethics, Integrity, and Governance (continued)

Human Rights and Forced Labor

Our Code of Conduct, along with other AdvanSix policies, establishes practices and standards that address a broad range of human rights and workplace issues. It is a priority for AdvanSix to protect the rights of our employees, regardless of race, ethnicity, nationality, gender, disability, religious background, or sexual orientation.

AdvanSix does not condone or employ child labor; we will not employ anyone under the age of 16, even if authorized by local law. If local law is stricter than Company policy, we will comply with that law. In addition, we will never use forced, indentured, or involuntary labor in any of our operations, and follow an anti-slavery policy. As part of our commitment to our communities and our world, AdvanSix will not tolerate any instances of human trafficking or other forced labor.

These standards of expectation are applied globally to all partners, suppliers, and vendors. The reporting process for any human rights violations can be submitted through our ACCESS Integrity and Compliance Helpline.

Customer Relationships

As a part of our ethics and integrity, AdvanSix aims to have high quality relationships with our customers. Building mutually beneficial relationships with our customers is important to our success as a company. Maintaining such relationships requires that we provide safe, quality products and uphold the law in all our interactions with customers.

At AdvanSix, we understand that it is our responsibility to use, store, and carefully safeguard any confidential customer information in a manner that complies with all applicable laws. Our employees are trained to secure this information and ensure it is used only for approved business purposes.

Supplier Relationships

AdvanSix's suppliers are our partners in our ongoing drive for customer satisfaction. The high caliber of the materials, goods and services they provide is linked directly to the quality, reliability, value, and prompt delivery of AdvanSix products to our customers. We seek to have our suppliers adhere to our Code of Conduct and Supplier Code of Conduct.

For additional details on any of these policies and other compliance information, please review our [Code of Conduct](#), [Supplier Code of Conduct](#), [Policy Statement Against Slavery and Human Trafficking](#), [Human Rights Policy](#) and [other key policies on our website](#). More details about various programs, charitable giving and other civic participation can be found throughout this report.



Our People

We value the hard work and dedication exhibited by the more than 1,500 AdvanSix employees, who are our best asset and are the foundation of our success. We seek to engage and motivate our employees through initiatives such as:

- Robust employee communications, including town halls, plant newsletters, tiered accountability meetings
- Reward and recognition linked to performance and behaviors
- Advancing Together, our operating system that provides tools and guidance for continuous improvement
- A mentorship program between senior leadership and emerging talent
- A culture of transparency and candid, respectful dialogue

AdvanSix recognizes and rewards our individual talents by providing competitive compensation and benefits and promoting development through training that broadens work-related skills. In 2017, our online reward and recognition tool enabled peer-to-peer recognition; we highlighted significant individual and team accomplishments at our quarterly town hall meetings; and we established our President’s Awards, honoring individuals for outstanding results and behaviors.

Safety First

At AdvanSix, safety is our number one value.

Our Health, Safety, and Environmental Values Statement informs the safety culture of all AdvanSix employees and facilities. AdvanSix had a recordable occupational injury and illness incidence rate of 0.44 incidents per 100 full-time workers in 2017, a record result for us and industry-leading when compared to other medium-sized ACC member companies.

That doesn’t mean we’re satisfied—our expectation is zero injuries. So, despite fewer injuries in 2017, we know that opportunities remain. With dozens of programs that provide training and coaching in health and safety, we ensure our employees are properly trained to act mindfully and safely in every role.

- Employee and workgroup engagement are encouraged and recognized through HSE Together, an initiative that emphasizes and rewards employees



Celebrating One Year of AdvanSix

In 2017, we celebrated our first anniversary as a stand-alone enterprise with company-wide events and the distribution of commemorative challenge coins highlighting our values of safety, integrity, accountability, and respect.

for team-based achievements in safety training as well as day-to-day involvement and participation in safety performance at our facilities.

- AdvanSix employees are required to take monthly computer-based training.
- Contractors participate in monthly trainings or demonstrations.
- Monthly themed HSE Gembas (a management tool used to observe work where it is happening) began in August 2017 and cover relevant safety topics designed to engage employees in discussions about procedures and opportunities for improvements.
- When incidents occur, we rigorously and self-critically investigate the causes, take corrective actions and drive the learnings across our facilities.



Our People (continued)

Diversity and Inclusion

Led by a diverse leadership team, we seek to provide all our employees opportunities for success and advancement. In 2017, the company’s leadership team was nearly 50 percent female, including our CEO, Chief Technology Officer, Chief Information Officer, and Vice President of Integrated Supply Chain. Furthermore, two of our seven board members are female. We look forward to continuing to foster diverse leadership at AdvanSix in the years to come.

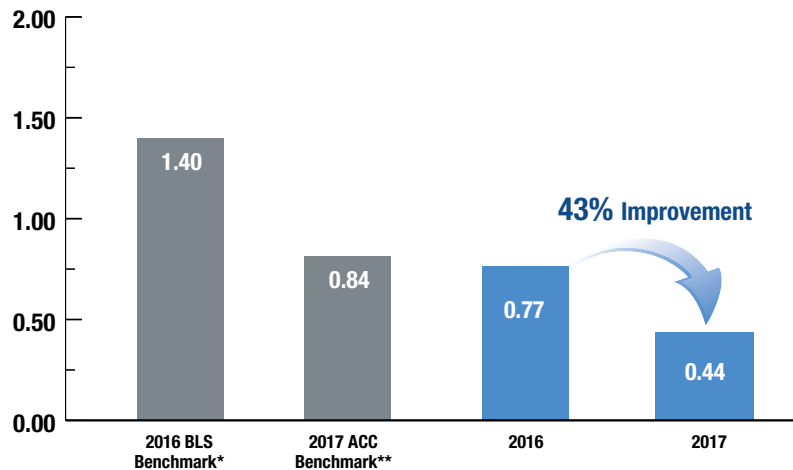


Health and Wellness

We are committed to providing our employees the opportunities to enjoy health and well-being, in and out of our facilities. Company employees proudly serve on plant-based Emergency Brigades, enabling quick response to any medical or other emergency at our sites. AdvanSix staffs medical operations at each plant, through which we offer flu shots and other preventative medicine each year in addition to emergency first aid. Through our healthcare services, we are proud to offer discounts on gym memberships to encourage a healthy and active lifestyle for all employees. AdvanSix also offers its employees and their families support through our Employee Assistance Program and has made contributions to eligible employees’ Health Savings Accounts to help with medical costs.

Total Case Incident Rate (TCIR)

TCIR: The number of occupational injuries and illnesses per 100 employees



*U.S. Bureau of Labor Statistics TCIR benchmark for Plastics Material and Resin Manufacturing industry

**ACC benchmark for medium size companies



Our Community

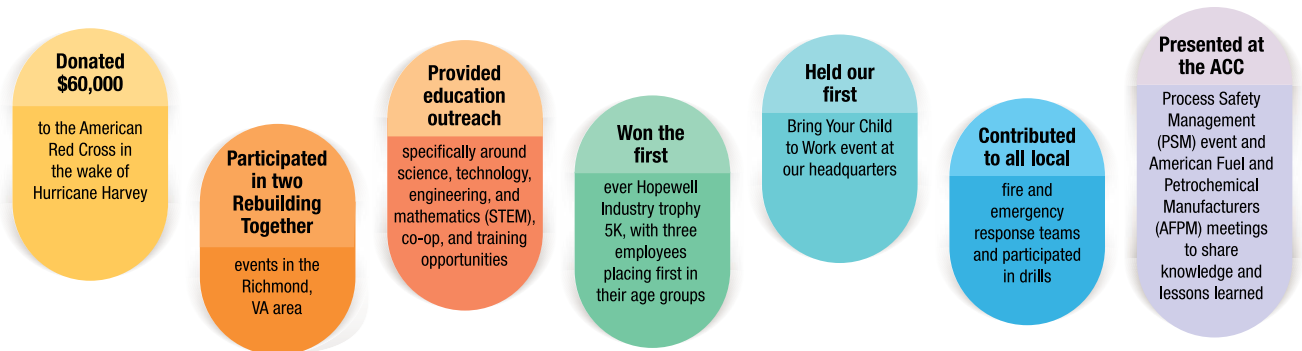
We are deeply committed to responsible, proactive citizenship in our communities. We respect and protect our neighbors both near and far. Our strong, ongoing relationships with a wide range of local and national organizations provide our employees the opportunity to work with groups that help advance our industry and protect our environment. Our leaders are actively involved with groups including the American Chemistry

Council (ACC), Virginia Manufacturers Association, and Frankford Community Advisory Panel, among others.

As part of our goal to engage employees, give back, and build pride in AdvanSix, we offer opportunities for employees to be involved in their local communities.

The communities that surround us help care for our friends and family.

In 2017, we collectively:



Community Connection

In 2017, AdvanSix employees spent hundreds of hours volunteering and participating with the following organizations:

Industry Associations and Groups

- American Chemistry Council
- AICHe
- Virginia Manufacturers Association
- Hopewell Manufacturers Association
- Frankford Community Advisory Panel
- Virginia Gateway Region Economic Development Agency
- American Fuel and Petrochemical Manufacturers (AFPM)
- Materials Technology Institute
- The Fertilizer Institute
- Northeast Chemical Association (NECA)
- European Petrochemical Association (EPCA)
- Virginia Committee for Fair Utilities Rates (VCFUR)
- Virginia Industrial Gas Users Association (VIGUA)



Environmental Organizations

- James River Association
- Hopewell Water Renewal

Not-for-Profit Organizations

- Rebuilding Together
- American Red Cross



Our Environment

At AdvanSix, we work to reduce our impact on the environment throughout our operations. Our policies, practices, and procedures focus on continuous improvement and ensuring compliance with all applicable federal, state, local, and foreign government requirements. AdvanSix's commitment to the Environment is defined in our HSE Values.



Gold Standard

The AdvanSix headquarters is in a LEED Gold and ENERGY STAR certified building in Parsippany, NJ, reflecting our commitment to sustainable development.

Recent Achievements

AdvanSix's initiatives over recent years have resulted in many successes at our sites. Examples include:

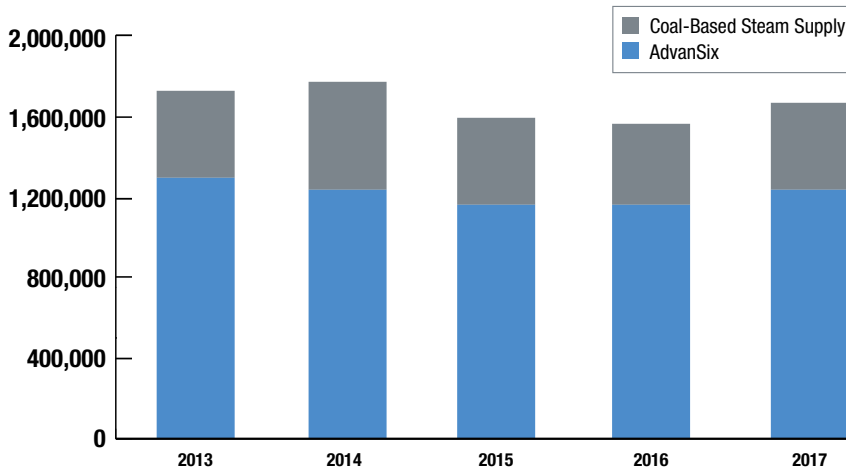
- Our Hopewell site has seen significant reductions in emissions; nitrogen oxides (NOx) emissions have been reduced by approximately 4,000 tons per year between 2013 and 2017.
- Our Frankford facility has significantly reduced phenol levels in our process water discharge to the publicly owned treatment works by approximately 250,000 lbs through a series of operational and process improvements.
- As part of the high-return capital investments the Company is initiating, our Hopewell site is in the process of converting from coal fired boilers to natural gas boilers for its steam supply, allowing for additional reductions of criteria air pollutants (defined below) as well as greenhouse gas emissions.

Greenhouse Gases

AdvanSix reports Greenhouse Gas emissions under EPA's "Mandatory Greenhouse Gas Reporting" rule (40 CFR Part 98). Under this rule, which took effect in 2011, AdvanSix reports its emissions of CO₂ and other Greenhouse Gases (GHG) from stationary fuel combustion sources and ammonia production.

AdvanSix has mitigated its CO₂ footprint through the sale of significant quantities of CO₂ to industrial gas manufacturers. In 2013, we partnered with a key customer to purify and liquefy additional CO₂, further reducing our direct emissions of GHG.

GHG Emissions (CO₂e MT per year)



4% Reduction Since 2013



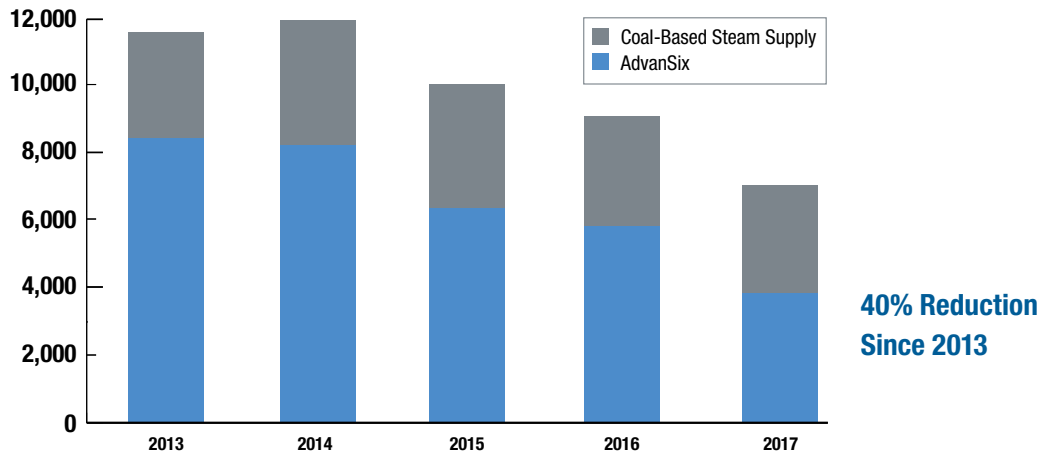
Our Environment (continued)

Criteria Pollutants

Criteria Pollutants are air pollutants for which EPA has set an ambient air quality standard. Criteria pollutants include, but are not limited to, oxides of nitrogen (NOx), oxides of sulfur (SOx), carbon monoxide (CO) and ozone (for which volatile organic compounds (VOC) and NOx are precursors). AdvanSix has seen a reduction

in cumulative criteria pollutants since 2013. This is the result of a multi-year investment of more than \$100 million to reduce our NOx emissions at the Hopewell facility via installation of Selective Catalytic Reduction (SCRs). These SCRs convert NOx to nitrogen and water.

Criteria Pollutant Emissions (tons per year)





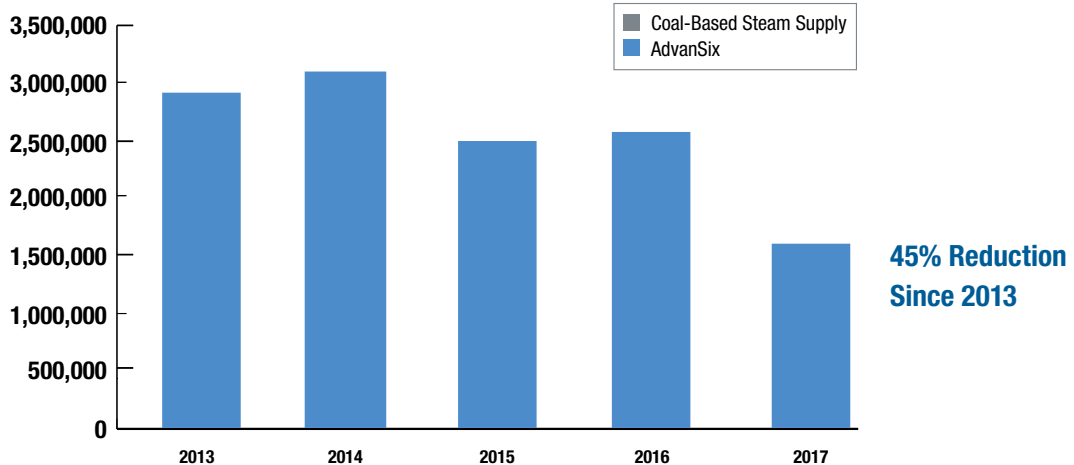
Our Environment (continued)

Toxic Release Inventory

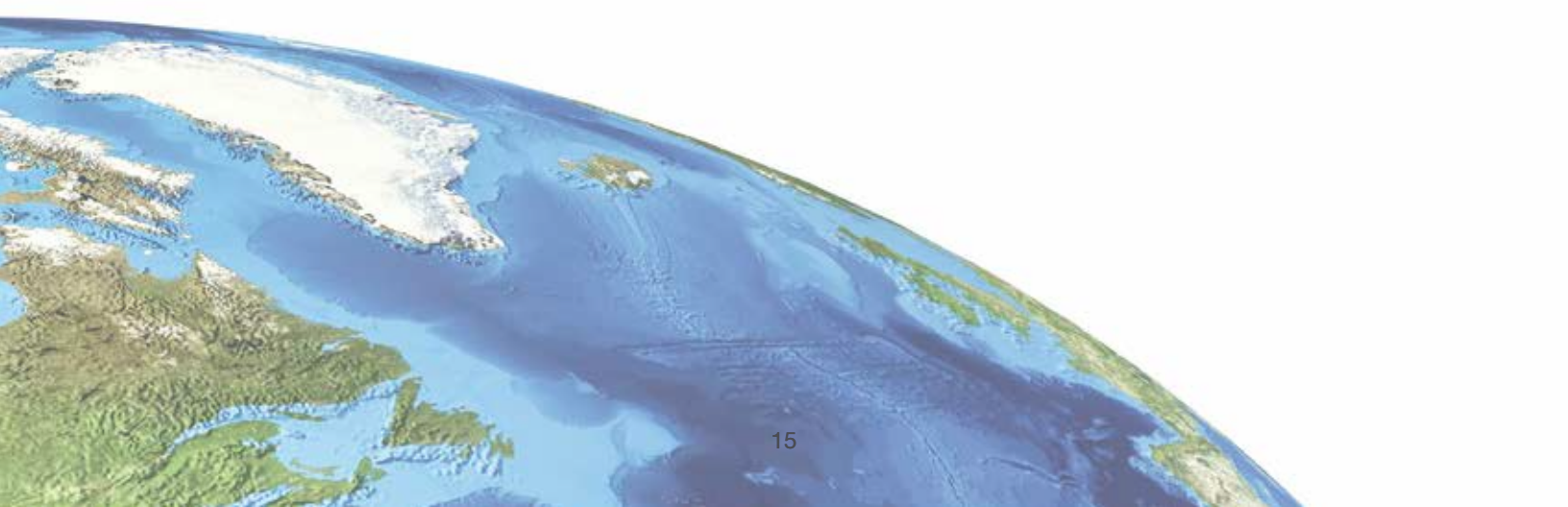
AdvanSix's Hopewell and Frankford facilities are required to report Toxic Release Inventory (TRI) information annually to the EPA. Through the work of our environmental and engineering teams, we have seen significant reductions in TRI reported on-site releases. These reductions are a result of concerted efforts in operational control, process improvements, and capital investments in our plants.

Hopewell has reduced releases of ammonia (a TRI chemical) in recent years in part because of installation of Air Pollution Control Devices (Selective Reductive Catalysis or SCRs) and in part because of improved process parameters controls.

TRI releases (pounds per year)



Includes TRI releases from coal-based steam supply of approximately 100 pounds per year.





Our Environment (continued)

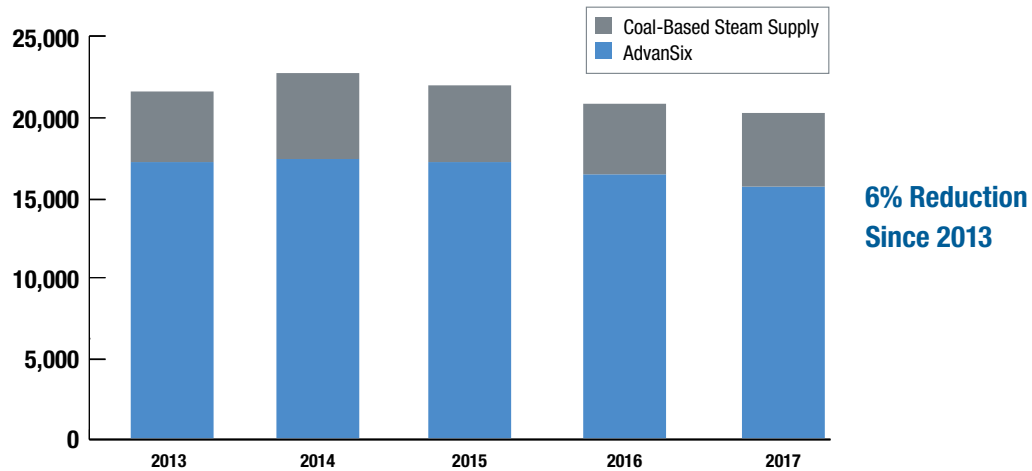
Energy Use

Energy consumption is a critical focus for AdvanSix as we optimize our processes and procedures and aim to produce more product with less energy. AdvanSix has created an energy “champion,” who coordinates with operations and production staff to continuously monitor production and manufacturing usages and emissions, with an eye on improving the efficiency of our operations.

Total energy use at our facilities has trended downward since 2014, the result of implementing energy saving strategies, such as:

- Operational excellence including mechanical and reliability programs to drive safe and stable operations
- Identifying, evaluating, and vetting energy project opportunities
- Tracking metrics by site including key process indicators to monitor energy consumption
- Optimizing waste-heat recovery

Energy Use (BBTU)



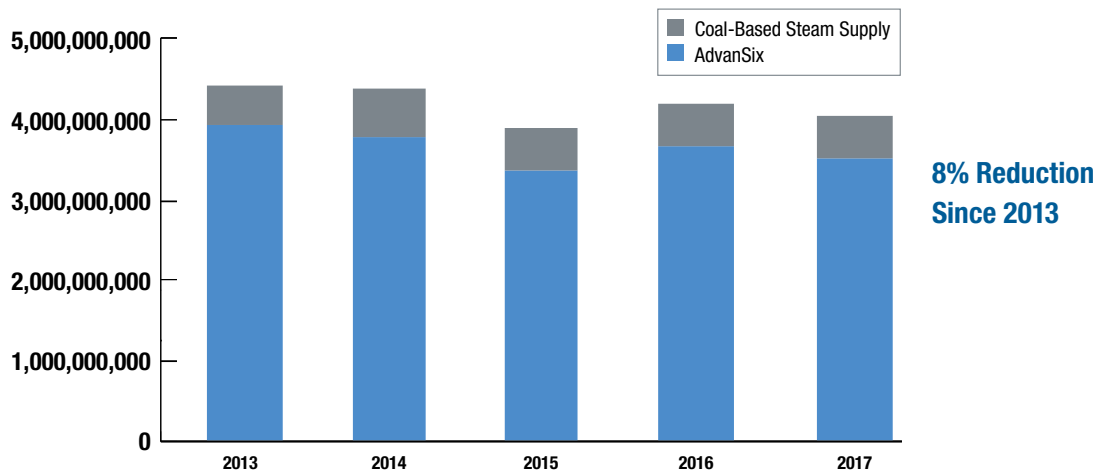


Our Environment (continued)

Water Use

At AdvanSix, we recognize that water is a crucial and finite resource that should be conserved when possible, and acknowledge water as a fundamental human right. Our operations rely on a steady water supply, and we closely monitor consumption to reduce waste and recycle where feasible. Our Hopewell and Chesterfield plant operations also utilize river water as one-pass non-contact cooling water. The chart below summarizes purchased water consumption for the company per year.

Water consumption (gallons per year)



Waste and Recycling

At AdvanSix, we strive to divert as much waste from landfills as possible.

At our offices and operating facilities, we aim to recycle waste metals, woods, plastics, paper, glass, and cardboard. However, we know that it is better to not create waste in the first place, so we work to eliminate the creation of waste products in our operations. Our employees are educated on the value of our materials and waste reduction is a frequent topic during our HSE discussions and training.

Process Safety Management

Mitigating environmental and other risks through rigorous process safety management is a hallmark of AdvanSix operations and our commitment to Responsible Care® principles. We continuously seek inherently safer ways to approach production and conduct regular process hazard analyses. Over the years, we have implemented numerous engineered controls to help mitigate risks, including process measurement with shutdown controls and validated proper relief valve designs. We also aim to reduce the use of hazardous materials and replace them with



Our Environment (continued)

non-hazardous alternatives wherever possible. We do not use chlorine for water treatment at our sites and recently replaced gaseous sulfur dioxide with liquid sulfuric acid in one of our processes.

Sustainable Product Innovation (SPI)

We believe success in our industry is driven not only by operational excellence and cost position, but also through technological strength and innovation. Our research and development (R&D) activities focus on innovating and developing new product applications and improving our chemical manufacturing processes to increase efficiency, capacity, and productivity, and lowering our production and operating costs.

Sustainable product innovation is a key element of new product development that will impact future growth.

By integrating sustainability and environmental attributes into new products and processes, we are enabling future, sustainable growth in downstream industries, while continuing to reduce our direct impact.

Sustainable Supply Chain

Together, we strive to build long-term relationships with our suppliers. Our company will enter into representation or supplier agreements only with companies believed to have demonstrated a record of and commitment to integrity. In addition, we never take unfair advantage of our suppliers through abuse of confidential information, misrepresentation of material facts, or any other unfair dealing practice.

The primary raw material used in our manufacturing process is cumene, which is produced from benzene and propylene. We purchase cumene from multiple suppliers to ensure security of supply and optimal terms. AdvanSix is proactively working to introduce sustainability requirements to suppliers throughout our supply chain. As an organization dependent upon environmental resources and susceptible to weather patterns and climate risk, it is critical for us to evaluate the sustainability of our supply chain, as well as to ensure our suppliers' environmental goals align with ours.

Product Spotlight

EZ-Blox™ Anti-Skinning Agent for Alkyd Paints



AdvanSix is developing products to help our customers meet expected performance attributes, while reducing exposure to harmful materials and toxic chemicals. AdvanSix's EZ-Blox™ anti-skinning agent has a distinct, low-toxicology profile, and can be used as a drop in replacement for other anti-skinning agents. EZ-Blox™ is safe to use with proven performance.

- Low worker exposure
- Low toxicology profile
- No cancer-causing potential in liver
- Favorable results
- Market validated

Packaging for a Sustainable World



Throughout the product lifecycle – from production, storage, transportation, distribution, sales to consumption – packaging plays an important role in the way brands and consumers look at food waste and energy reduction. Online grocery sales are predicted to grow each year, further highlighting the need for packaging solutions that are friendly to the environment. AdvanSix is developing resins to be used in packaging that will help keep food fresher longer, and ultimately help reduce food waste.

Oxygen scavengers eliminate EVOH retort shock to create shelf stable foods and extend shelf life.

Ammonium Sulfate Fertilizer



Air pollution control has drastically reduced the amount of “free” sulfur originating from industrial emissions and eventually landing in growers’ fields, a major reason why more sites and soil types are responding to sulfur fertilization and can have improved yields. Sulf-N® fertilizers from AdvanSix help address the growing need for sulfur created by clean air regulations. Our Sulf-N® ammonium sulfate fertilizer has proven to be an excellent source of nitrogen and sulfur, two essential plant nutrients needed for growing crops. It also buttresses the efficacy of other nutrients added to crops, improving overall yield and helping growers deliver a steady output that helps feed the world’s growing population.

Contact AdvanSix

To learn more about AdvanSix, visit

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