



**Westlake
Chemical**



Enhancing Your Life Every Day®



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A Message from our CEO

Westlake products enhance the lives of people around the world every day by helping deliver clean water; longer shelf-life for food; lighter and better cars and airplanes; and more affordable and energy-efficient housing. Our sustainability efforts align with and support many of the United Nations' 17 Sustainable Development Goals, including hunger; good health and well-being; quality education; clean water and sanitation; decent work and economic growth; industry innovation and infrastructure; responsible consumption and production; ocean pollution; and life on land.

Westlake began publishing an annual sustainability report to communicate with our suppliers, investors, employees and customers. This report summarizes various environmental data gathered over five years through 2018, and it tells how our employees engage with the communities where we operate. For example, from 2014 to 2018, through investments and efficiency improvements, Westlake reduced sulphur dioxide emissions to almost zero, reduced energy usage per ton of products produced and achieved a nearly 30 percent reduction in CO₂ emissions.

We have engaged with various efforts beyond our company where we can add our expertise, investment or talent to help make a difference. For example, in March 2019, Westlake joined the Alliance to End Plastic Waste (AEPW), which includes more than 40 global chemical and plastic manufacturers, packagers and consumer products companies. AEPW aims to advance solutions that eliminate plastic waste in the global environment, especially in the oceans. The members have committed to spend over \$1 billion over the next five years to develop, accelerate and deploy solutions; catalyze public and private investments; and engage communities globally to help end plastic waste in the environment. Also, through our annual Global Service Month in April, approximately 3,000 employees and their families worldwide participated in local service projects benefiting their community. Some examples of these projects are in the Community section of this report.

To support solid-waste reduction, we have also joined our polyethylene packaging industry in the Materials Recovery for the Future (MRFF) initiative of the American Chemistry Council (ACC) to conduct research and development and work with recyclers and municipalities to capture more of the flexible packaging waste for recycling, which could be reused in goods, such as decking for housing. Our other industry partnerships in the sustainability area in the United States include the Flexible Packaging Association and the Vinyl Institute and its initiative: +Vantage Vinyl for a Sustainable Future. In Europe we are engaged in the Vinyl Plus sustainability program and our Vinnolit operations in Germany are assessed by EcoVadis, which received a Gold level rating in 2018.

We are proud of the accomplishments of our employees and intend to do our part to help reduce the global environmental problems that confront us and help make the world a better place for future generations.

Albert Chao
President and Chief Executive Officer

Our Corporate Responsibility Policy

Westlake's commitment to corporate social responsibility is formed by the company's five longstanding core values:



HEALTH, SAFETY & ENVIRONMENT (HSE)

The health and safety of our employees and communities, and the vigilant stewardship of the environment and sustainability are of utmost importance and at the forefront of everything we do.



OUR PEOPLE

The integrity, creativity, dedication, diversity and drive of our employees allow us to excel. We support, develop and inspire our people to achieve their personal best and treat them with dignity and respect.



QUALITY & CONTINUOUS IMPROVEMENT

Our commitment to quality products and service is so strong that both are symbolized as the two check marks that form the Westlake "W" in our logo. We seek to maintain this commitment through an intensive practice of "never-ending process of improvement".



COMPETITIVENESS

We are committed to enhancing the lives of people in the global marketplace every day. We do this by providing innovative and useful products, maintaining high standards of customer service and operational excellence with a constant focus on managing costs.



CITIZENSHIP

We recognize the importance of supporting the communities in which we work and live and make it a priority to take an active role in making these communities better.



Corporate Headquarters, Houston, Texas, USA

Our Sustainability Objectives

UN Sustainable Goals

In 2015, the United Nations adopted the 2030 Agenda for Sustainable Development, which includes 17 Sustainable Development Goals (SDGs). Westlake's corporate activities support many of these goals, including:

- 2** **Zero Hunger:** Ensure that the food and agriculture sector offers key solutions for development
 - 3** **Good Health and Well-Being:** Ensure healthy lives and promote well-being for all at all ages
 - 4** **Quality Education:** Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
 - 6** **Clean Water and Sanitation:** Ensure clean, accessible water
 - 8** **Decent Work and Economic Growth:** Require societies to create the conditions that allow people to have quality jobs
 - 9** **Industry, Innovation and Infrastructure:** Require investment in infrastructure
 - 12** **Responsible Consumption and Production:** Ensure sustainable consumption and production patterns
 - 14** **Life Below Water:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development
 - 15** **Life on Land:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
- 

As part of Westlake's sustainability efforts, it is a proud member of the following organizations with the goal of reducing plastic waste in the environment.



Our Business

Westlake Chemical Corporation (NYSE: WLK) is a global manufacturer and supplier of petrochemicals, polymers and building products that protect and enhance our daily lives. We provide the building blocks for vital solutions—from packaging and healthcare products to automotive and consumer goods to building and construction. With our core value of being a good corporate citizen in our local communities, we are committed to being a leader in sustainable practices and a responsible environmental steward.

Our Products Enhance

Westlake products benefit society and enhance people's lives everyday through a variety of applications including: Building & Construction; Consumer Lifestyle; and Nutrition & Healthcare.



Building & Construction

Our building and construction products—like our pipes and fittings, wallpaper and roofing applications—strengthen the world's communities by supporting more durable and energy-efficient structures and beautifying the places we live, work and play.



Consumer Lifestyle

Our products are found in a range of everyday solutions that help people live and work around the world. They are included in the dashboard of your car to the cardboard box delivered to your house.



Nutrition & Healthcare

You'll find our products in food packaging from bread bags and cheese wrappers to meat containers and milk cartons that preserve the freshness of our food. Our products also play a key role in the medical devices that keep us healthy—from intravenous bags to dialysis machines.

Curbside Recycling of Flexible Plastic Film

In 2018, Westlake joined an industry initiative spearheaded by the American Chemical Council called Materials Recovery for the Future (MRFF).

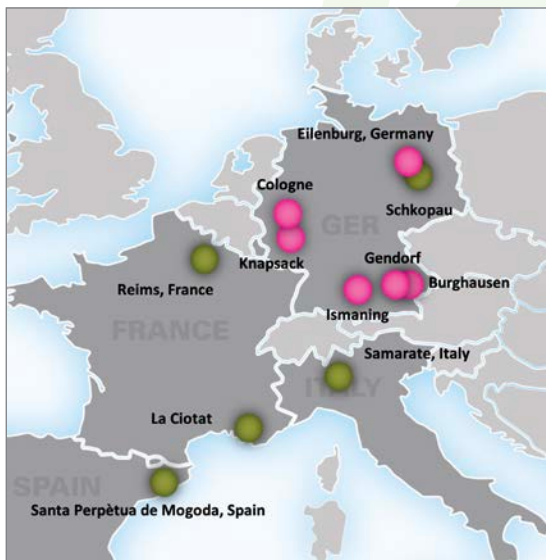
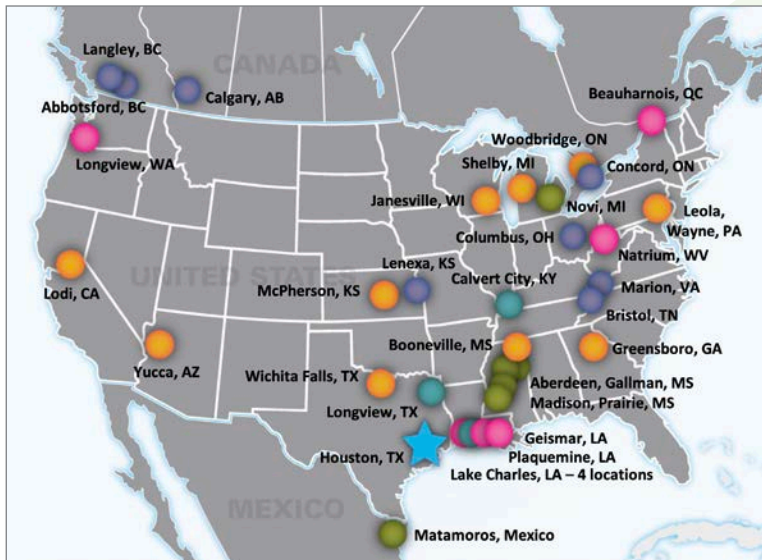
The goal of this initiative is to help advance waste separation methods and promote process technology advancements focused on the recyclability of flexible packaging.

Recently, MRFF awarded a \$2.6 million grant to pilot a program for recycling flexible packaging.

With this grant, a recycling facility in Pottsdam, Pennsylvania will install sophisticated optical sorting equipment which makes curbside recycling of flexible packaging a reality in this small community.



Our Global Presence



- Exteriors
- Pipe & Fittings
- Compounds
- Vinyls Chemicals
- Olefins Chemicals
- ★ Headquarters



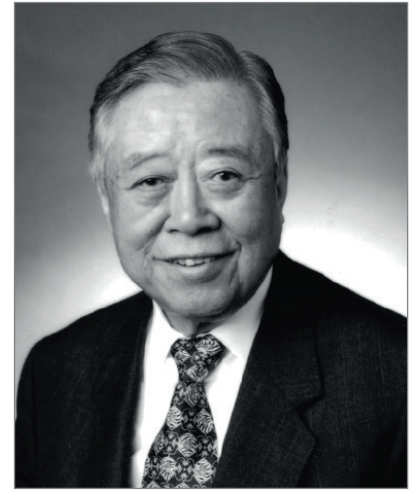
Our Commitment to Safety

Westlake conducts its business in a responsible manner that protects the health and safety of its employees, the public, and the environment in which we live.

Our Number One Priority

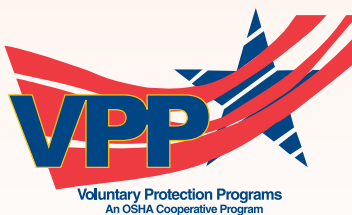
More than 30 years ago, the words of Westlake founder T.T. Chao – now displayed on a plaque at every Westlake facility around the world – established the company's culture of safety. He said:

“We have put safety first, and it will remain our number one priority. No job can be so important or urgent that people cannot take the time to work safely. Life is precious and irreplaceable.”



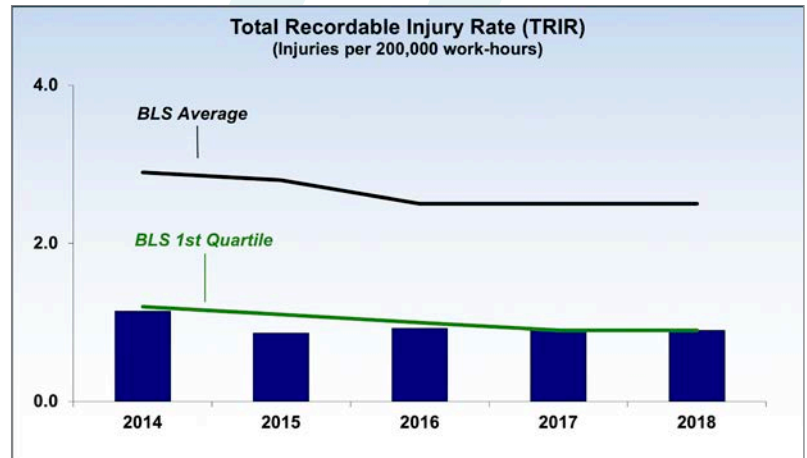


Westlake's goal is to have all US chemicals sites achieve Star status under OSHA's VPP program by 2024.



Drive to Zero

Westlake's first cultural belief is built upon the principle, "I own your safety and mine." This cultural belief recognizes that safety is the company's number one priority and demonstrates Westlake's ongoing commitment to the values on which it was founded.



In 2018, the Westlake Longview, Texas site received the "Star of Excellence" award for the second consecutive year from the U.S. Occupational Safety and Health Administration (OSHA) through its Voluntary Protection Programs (VPP). The "Star Among Stars" program was created to encourage continuous improvement among OSHA VPP sites and recognizes sites that have exceeded the performance needed to qualify for VPP's highest, or "star," category.

Our Commitment to Minimizing the Impact on the Environment

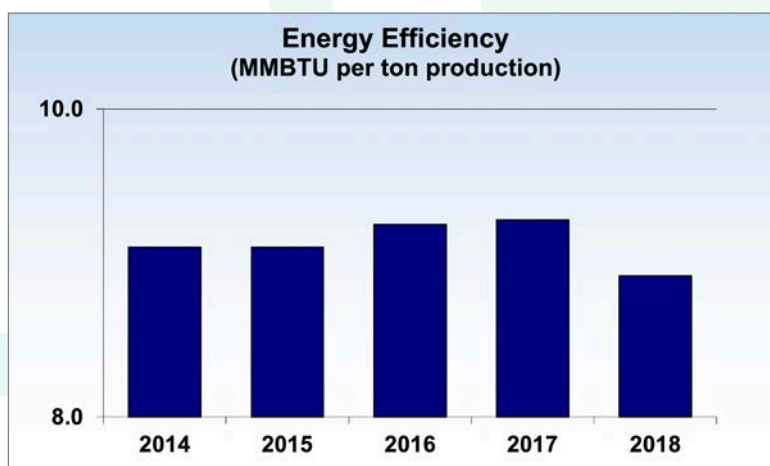
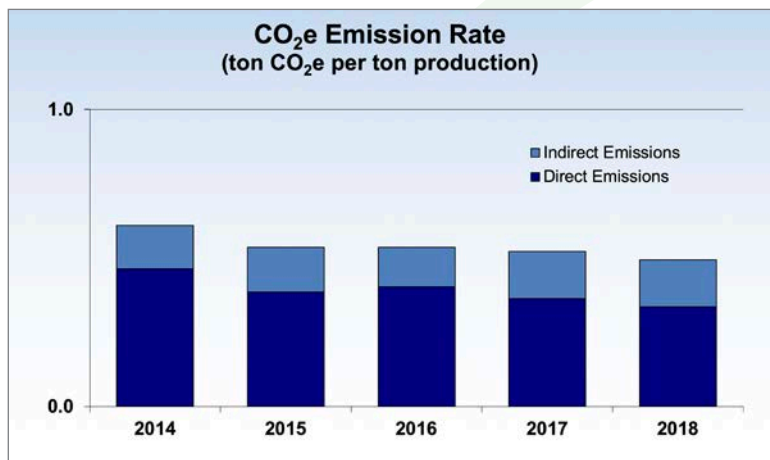


*Wild flower photos by Westlake Lake Charles employee, Jay Price.
Nature preserve photo by Westlake Lake Charles employee, Jessica Evans.*



Energy Efficiency

Improvements in energy efficiency benefit everyone - from the lower cost of manufacturing to reduced greenhouse gas emissions. Westlake employees are constantly evaluating opportunities to reduce energy use and greenhouse gas emissions. Energy to operate our plants is supplied from a mix of internally produced (from our cogeneration facilities) and externally purchased electricity. Our greenhouse gas intensity is expressed in terms of tons of carbon dioxide equivalent (CO₂e) per ton of production. Energy efficiency is measured in million BTUs (MMBTU) per ton of production.



Promoting a Circular Economy through Sustainable Flooring

Vinnolit, the German-based suspension PVC subsidiary of Westlake, has partnered with 10 other European organizations to participate in the CIRCULAR FLOORING project funded by the European Commission. The project is aimed at enabling environmentally friendly recycling of post-consumer PVC floor coverings. The Circular Economy aspires to support the transition towards an economy in which valuable materials, products and resources are maintained as long as possible to reduce waste generation.

About the EU Circular Flooring Project

PVC flooring has a lifespan of up to 40 years and PVC floor coverings of an older type may contain plasticizers and other additives, which are no longer used today. State-of-the-art recycling of older flooring to recover the PVC in its original quality requires a technically sophisticated separation of these plasticizers. The new EU CIRCULAR FLOORING project addresses this objective with an innovative plastics recycling process, CreaSolv®. This process gently recycles end-of-life PVC floor coverings by dissolving and removing respective substances to achieve the high-quality virgin PVC resins, which is then processed into granules. These recycled granules are then ready for re-use in new floor covering products.



Operational Efficiency

Operation Clean Sweep

Westlake has partnered with Operation Clean Sweep® (OCS), an international program designed to prevent resin pellet, flake and powder loss, and help keep pellets, flakes and powder out of the marine environment.

Westlake's Lake Charles Polymers units began the OCS initiative in 2013, with the goal of "zero pellet loss" outside of containment by avoiding spills, containing spills, and/or cleaning spills up quickly if they occur. Westlake partnership with Operation Clean Sweep extends also to Westlake's Longview, Texas location as well as European operations — Vinnolit, which also began implementing "zero pellet loss" initiatives in 2013. The mission of Operation Clean Sweep is uniform across the globe — "to prevent the entry of plastic granulates such as pellets or powders into the environment, and ultimately into bodies of water, by observing good housekeeping practices."

*Pledge to Prevent Resin Pellet,
Flake, and Powder Loss*



Stabilizing the Power Grid

Parallel to the gradual decline in operation of conventional power plants and the expansion of renewable energies in Germany, the challenge of maintaining a balance in the German power grid is growing. If more or less power is fed into the grid than is consumed, the grid must be stabilized, e.g., by consumers who can start up or close down operations on short notice. This is where energy-intensive industries can make a valuable contribution to limiting the additional costs of the energy transition.

To do our part in balancing out these fluctuations, our subsidiary Vinnolit, adjusts its chlori-alkali electrolysis at its Gendorf and Knapsack sites whenever possible to accommodate requests from the German service provider, Entelios.



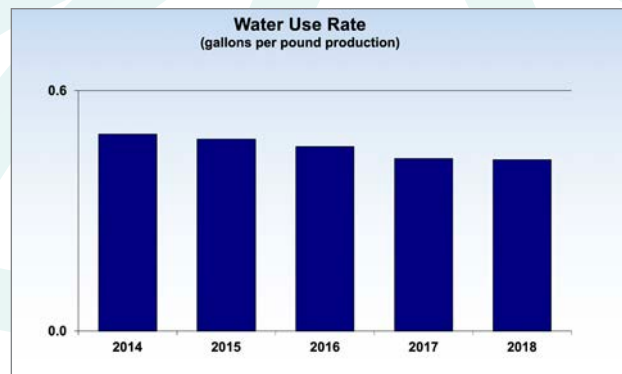
*Energy savings
projects at
Westlake facilities
in 2017 and 2018
saved in excess
of 10 million
kilowatt-hours.*

*That's enough to power
1,000 homes for a year!**

*EPA Greenhouse Gas Equivalencies Calculator

Water Use

Water is an important resource for everyone, including Westlake. Steam generation, cooling and even incorporation into some of our products are just a few of the ways water is used in our processes. We measure net water use (water consumed or not returned to the original source) divided by our total production.

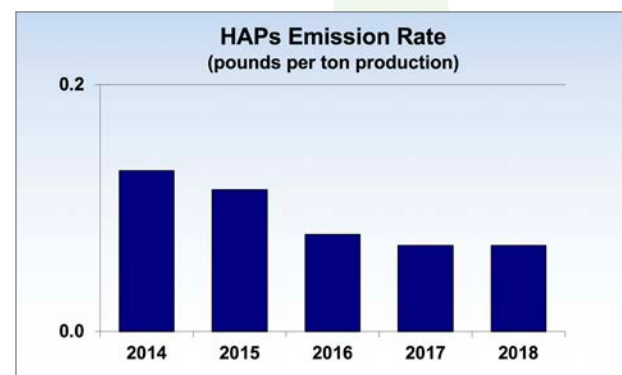
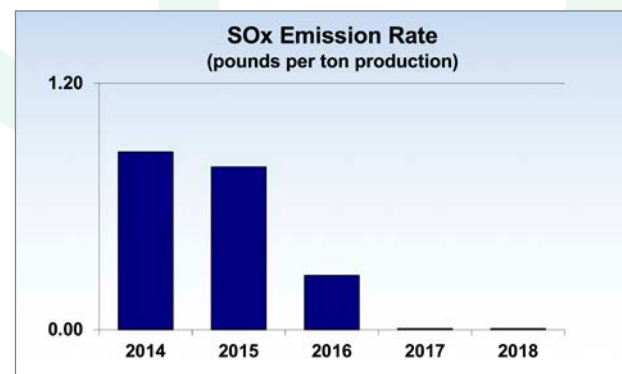
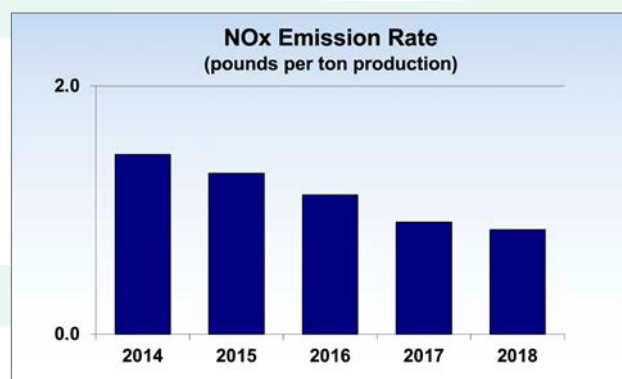


Emissions

At Westlake, we are dedicated to preventing pollution, complying with environmental laws and regulations, and closely monitoring our emissions.

Emissions of NO_x and SO_x from Westlake facilities are primarily related to the power and steam for our manufacturing processes. Prior to a series of conversions that were completed in 2016 and 2018, the Natrium, West Virginia facility used coal-fired boilers to generate steam and power. Coal generates larger amounts of NO_x and SO_x when burned compared to other fuels such as natural gas. The conversion of these boilers to natural gas resulted in a significant reduction in both NO_x and SO_x emissions.

Hazardous Air Pollutants (HAPs) are a subset of chemicals identified by the U.S. Environmental Protection Agency (EPA) in its Toxics Release Inventory (TRI). The switch to cleaner burning natural gas in our Natrium, West Virginia plant was just one example of our efforts to reduce emissions of HAPs.



Our Commitment to Supporting Our Communities

At Westlake, we recognize the importance of supporting the communities in which we work and live and make it a priority to take an active role in making these communities better.



2018 Global Service Month

Each year during our global service month, Westlake employees around the world participate in a local service activity benefiting their community. In April 2018, Westlake had approximately 2,500 employees and families sign up for activities worldwide. With an average service activity lasting three hours, that equaled more than 7,500 volunteer hours!

The following photos are some examples of the various projects performed by Westlake employees worldwide.

Burghausen, Germany

At our Burghausen, Germany site, approximately 30 Vinnolit team members created an environmental education garden for the Jugendbüro Burghausen (translated “Burghausen Youth Welfare Office”), a part of the City of Burghausen. This city garden is used as a social and environmental education tool to teach students to become good caretakers of nature and to augment their life skills with an increased appreciation for the environment.



Houston, Texas, USA

In Houston, approximately 80 Westlake team members packed weekend “backpacks” for elementary aged children who receive subsidized breakfasts and lunches. While these students are fed breakfast and lunch at their schools through the week, on the weekend, they might not have regular meals. To ensure that these children have nutritional food during the weekend, they receive a backpack loaded with non-perishable items. Through the Houston office volunteer efforts, we packed nearly 8,500 backpacks for children, which provided approximately 48,000 meals.



Natrium, West Virginia, USA

At our Natrium, West Virginia plant, approximately 20 Westlake team members held a waste collection day where the community could safely discard its waste materials such as tires, light bulbs, paint, batteries and other items. The Westlake team collected about 15,000 pounds of material, which is roughly equivalent to the weight of 30 dumpsters at full capacity.



Woodbridge, Ontario, Canada

At our Woodbridge (Ontario) Royal Building Exteriors Sidings site, the team of about 250 hosted a raffle with the proceeds going to Youth Without Shelter (YWS). YWS is an emergency residence and referral agency serving homeless youth ages 16 – 24. In addition to the proceeds of the raffle, the employees donated new siding and provided volunteers to install the siding onto the YWS's Toronto building.



Westlake Scholarship

Since 1994, Westlake has been pleased to recognize and reward over 1,150 high-achieving college bound students of its employees with scholarships.

In 2018, Westlake awarded Scholarships to 116 college-bound students of employees from company sites across North America.

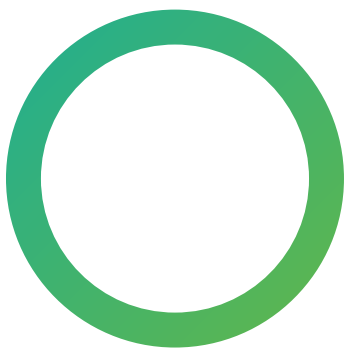
The competition for these scholarships is consistently strong and the applicants are some of the most outstanding students in each of the communities in which we operate. The average recipient for 2018 had a GPA of 3.87 and ranked in the top 15% of their senior class. This included five students who ranked number one in their class and two National Merit Scholarship recipients (pictured). Moreover, many of these scholars have made significant contributions through numerous volunteer and civic activities. We congratulate the students and their parents for the significant accomplishments in the classroom and the communities in which they live.



Pictured are the National Merit Scholars, who are just two of the Westlake Scholarship recipients.

Commitment to Our Team

With approximately 9,500 employees in eleven countries worldwide, Westlake knows that its success is dependent on its people and strives to hire and maintain its talented workforce through its benefits, training programs and culture. There are many reasons why Westlake is a great place to work, including the opportunity for individuals to grow in an entrepreneurial environment with a solid and stable company.



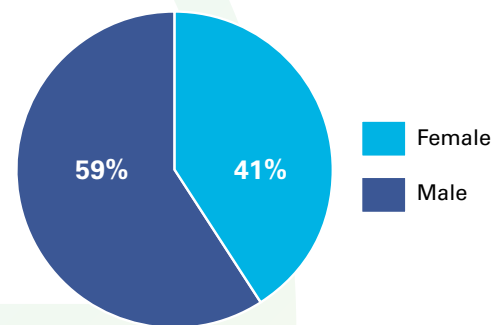
Providing Quality Benefits to Employees Globally

Westlake cares about the health and well-being of our workforce and their families and strives to provide a competitive compensation and benefits package that rewards individual as well as team performance. At Westlake, we have a strong tradition in sharing company successes through incentive programs, such as the Quarterly Incentive Program.

Promoting Diversity and Inclusion

Westlake believes that the integrity, creativity, dedication, diversity and drive of our employees allow it to excel and believes that a diverse workforce is critical to unique perspectives which result in better solutions. Westlake serves as a member of several diversity organizations including the Texas Diversity Council, the Society of Women Engineers (SWE) and the Society of Hispanic Professional Engineers (SHPE).

Westlake Employee Gender (2018)



**41% of employees in the corporate office were women*

Maintaining High Ethical Standards

Westlake upholds high ethical standards and is committed to complying with the laws and regulations of the various jurisdictions in which we operate. The Westlake Code of Conduct sets out our expectations and employees are trained on the Code every two years.

We encourage employees to speak up if they have any workplace concerns. Employees can raise a concern without fear of retaliation through an independent whistleblower telephone helpline and website, which is available 24-hours a day in every country where we operate. It is operated by a third party company specializing in workplace incident reporting for global companies.



Westlake
EthicsPoint
Hotline

Ensuring Employee Growth and Development

Training and developing employees is a core value at Westlake because we understand that each employee has the potential to create value with the proper knowledge and skills.

In 2018, employees received an average of 20 hours of training, whether in-classroom, online or by attending a industry conference or participating in professional or vocational continuing education.

Investing in Our Future Workforce

Westlake offers several student programs, including internships, co-ops and Society of Chemical Industry (SCI) scholars that provide students an opportunity to work and learn about the chemicals industry. Historically, these programs have been primarily for S.T.E.M. (Science, Technology, Engineering and Math) college students participating in Westlake's engineering or manufacturing groups.



**Westlake
Chemical**

Awarded 2018 Best Place to Work

Westlake's Houston headquarters office was awarded a Top Workplaces honor by the Houston Chronicle.

The list is based on feedback gathered from our Houston-based employees and measures several aspects of workplace culture, including alignment, execution, and connection, just to name a few.



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