

2018 CORPORATE SOCIAL RESPONSIBILITY REPORT



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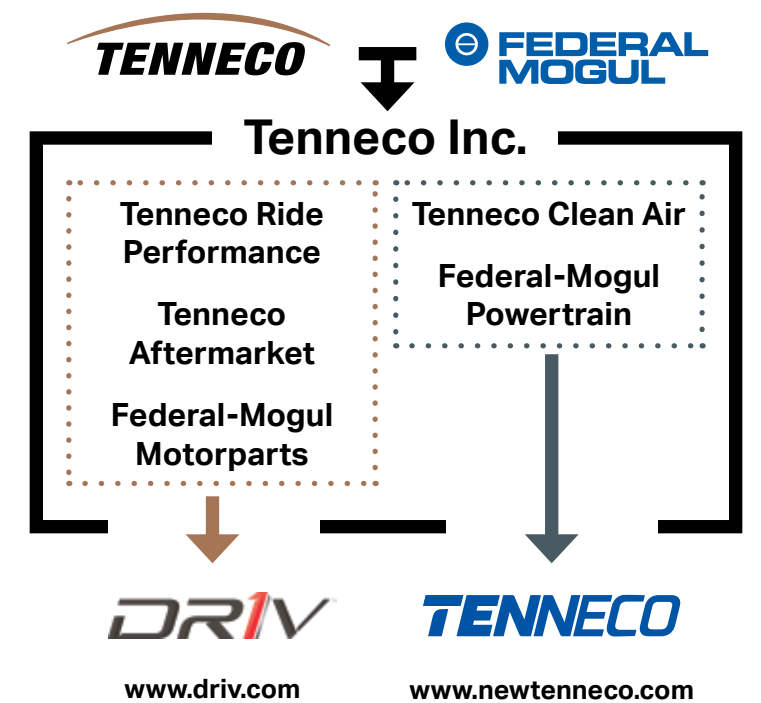
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This is Tenneco

Tenneco Inc. (Tenneco) is one of the world’s leading designers, manufacturers and marketers of Aftermarket, Ride Performance, Clean Air and Powertrain products and technology solutions for diversified markets, including light vehicle, commercial truck, off-highway, industrial and the aftermarket. The company’s products serve a broad range of end-markets, geographic regions, customers, and vehicle platforms.

Growing for the Future

On October 1, 2018, Tenneco completed the acquisition of Federal-Mogul LLC (legacy Federal-Mogul), a leading global supplier to original equipment manufacturers and the aftermarket. The content within this report draws from the policies and procedures of Tenneco and includes Federal-Mogul sustainability results within one consolidated summary of corporate social responsibility at Tenneco. Tenneco expects to separate its business to create two new independent companies: an Aftermarket and Ride Performance company named DRiV as well as a new Powertrain Technology company. As such, our 2018 metrics from Tenneco and Federal-Mogul presented in this report may vary from metrics that may be provided in future reports from the two new companies. Further reference to Tenneco throughout this report is inclusive of both Legacy Tenneco and Legacy Federal-Mogul accomplishments in 2018, unless specified. Throughout this document, † will denote "excludes acquisition" and ‡ will denote "acquisition only." As we continue to grow, targets and metrics may be refined and developed in future reports.



Brand Portfolio

With our world-leading stable of automotive brands, ranging from the highest level of performance to the broadest everyday use, Tenneco tailors solutions to our markets and customers. With Tenneco's acquisition of Federal-Mogul, we have successfully built a foundation of brands that have reached from the Model T to the Model E, including 15 brands that are more than 100 years old.

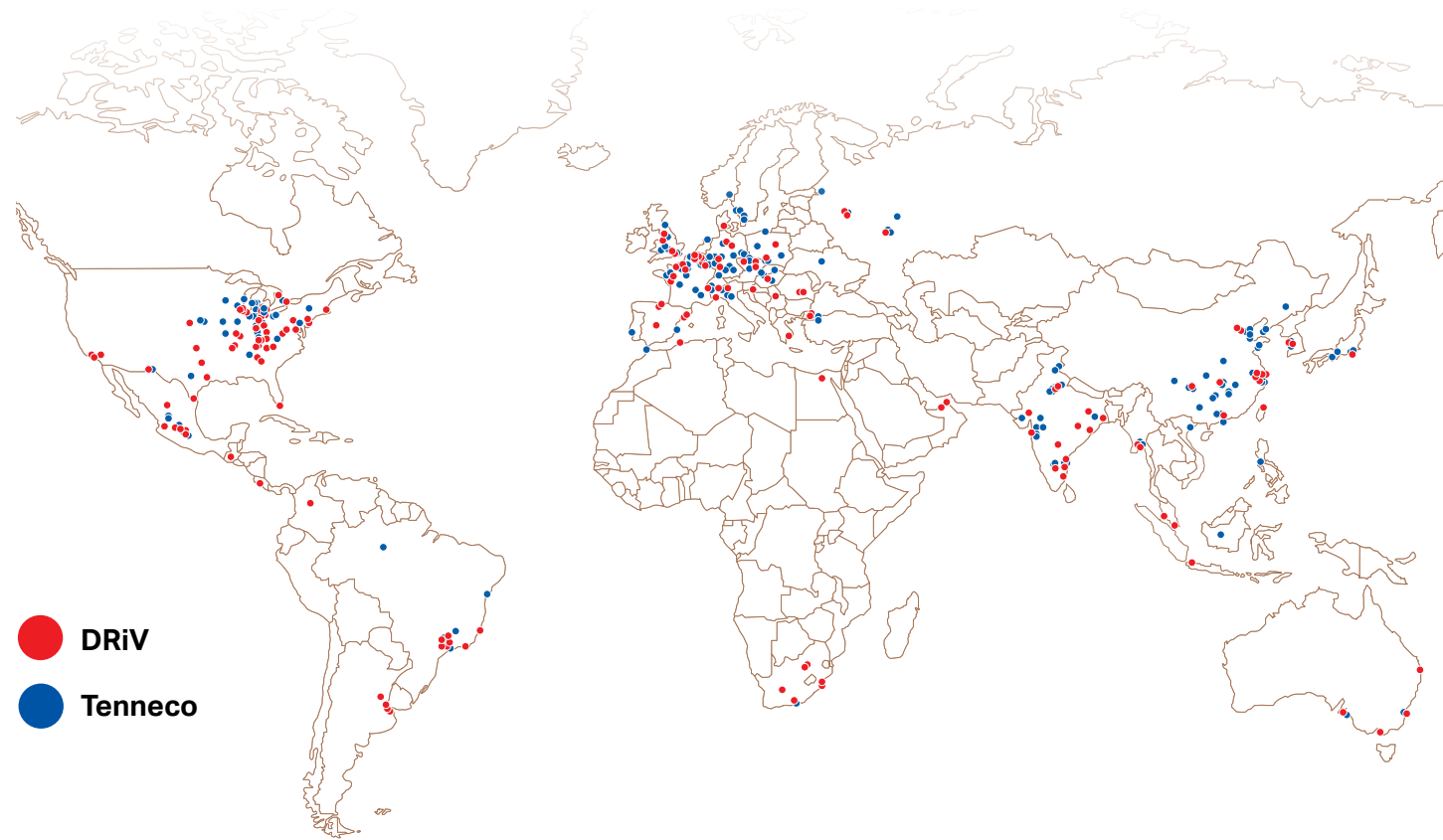
Century Brands



Market-Leading and Service Brands



A Global Reach



We are headquartered in Lake Forest, Illinois with 210 manufacturing plants, 58 distribution centers and warehouses, and 37 engineering and technical facilities with approximately 81,000 employees located in approximately 30 countries. Using a combination of leading-edge technology, manufacturing expertise and dedication to customer service, Tenneco has

increased revenues to \$17.8¹ billion annually in 2018 and penetrated new markets to solidify its leadership in the global supplier industry. We lead by a demonstrated commitment to shareholder value, customers' success, employee engagement and sustainability.

¹2018 pro forma revenue

Tenneco Values



Tenneco aims to serve our customers and society with technology solutions that help make mobility cleaner, more efficient, comfortable and more enjoyable, striving to make the world we live in better by adhering to the following values:

- **Accountability**
Accepting responsibility.
- **Health and Safety**
Committed to a healthy and safe work environment for all workers.
- **Innovation**
Discovering new solutions using engineering expertise and advanced technologies.
- **Integrity**
Being honest, fair and never compromising our ethics.
- **Passion and a Sense of Urgency**
A consuming desire to win now.
- **Perseverance**
Resolute and unyielding; the unrelenting pursuit of a goal.
- **Results Oriented**
Taking authority; driving to achieve and meet commitments.
- **Teamwork**
Seamless collaboration.
- **Transparency**
Raising issues; being forthcoming and open.
- **Trust**
Relying on and having faith in one another.

2018 At-A-Glance

Metric	2018 ²	
Total Revenue (Billion USD)	\$17.8 ³	
Total Employees Globally (as of December 31, 2018)	Approximately 81,000	
Total U.S. Employees (as of December 31, 2018)	20,201 ⁴	
Percent of New Hires, U.S. Only (as of December 31, 2018)	24% ⁴	
Percent of Female Employees, U.S. Only (as of December 31, 2018)	30% ⁴	
Total Energy Consumption (MWh)	3,031,274	
Greenhouse Gas Emissions (mtCO ₂ e)	Scope 1	200,922
	Scope 2	1,433,614
Non-hazardous Waste (thousand pounds)	134,333 ⁵	
Water Withdrawal (megaliters)	7,150,791	
Total Number of Hours Worked	189,123,469	
Incident Rate (per 200,000 hours worked)	0.73	
Lost Day Rate (per 200,000 hours worked)	1.07	



Tenneco acquired Federal-Mogul

An important step for Tenneco as we progress toward the transformation of our company into two strong, leading global businesses with the scale and financial flexibility to drive long-term value creation.



\$17.8 Billion Revenue⁶

Tenneco's growth continues to be driven by strong product lines, each with distinct strategic imperatives designed to capture the unique growth opportunities in our Clean Air, Powertrain, Ride Performance, and Aftermarket divisions.



46% Reduction of Lost Day Rate

Our Lost Day Rate (high consequence work-related injuries) nearly halved from the prior year.



8% Reduction in Emissions Intensity

Total Scope 1 and Scope 2 greenhouse gas emissions per million dollars of revenue decreased 8% from 2017 to 2018.

²Full calendar year 2018 | ³2018 pro forma revenue | ⁴U.S. data is hourly and salaried employees, global data not available | ⁵Represents a portion of the acquired sites

⁶2018 pro forma revenue

CEO Message



Brian Kessler | Chief Executive Officer

As our company changes, we recognize that success can only be achieved by consistently working together to meet our goals through integrated initiatives that prioritize progress and manage Tenneco's overall impact on the environment and our communities.

Tenneco is proud to be a world leader in the design and manufacture of Aftermarket, Ride Performance, Clean Air and Powertrain products and technology solutions for diversified markets. This inaugural Corporate Sustainability Report highlights our sustainable business practices and community contributions, including the links between the environmental, social and economic dimensions of our business.

The safety of our employees is one of our foundational values, and critical to the success of our business. This year we continued our dedicated efforts toward our Culture of Zero process, an initiative focused on the achievement of a safe workplace with zero work-related injuries and illnesses. As part of this initiative, we have continued to enhance our ergonomics, machine safeguarding, and employee engagement, resulting in a reduction of our 2018 Incident Rate to 0.73, a nine percent decrease from 2017.

I would also like to acknowledge our team's achievements in energy savings, reducing greenhouse gas emissions, and reducing and recycling materials used in our manufacturing processes. In 2018, our Motorparts and Ride Performance business units increased the use of LED lighting and instituted heating and cooling improvements, along with other initiatives, reducing plant greenhouse gas emissions by three percent. This success with reducing consumption compliments our efforts throughout the years to reduce and recycle waste and conserve water throughout all divisions of Tenneco. Company-wide efforts to reduce and recycle materials have led directly to a corporate-wide strategy to reduce processed water use during our operations, achieved through our innovative evaporation-based, waste water treatment system. This novel system was first used in our Changzhou plant in China and has recycled more than five million gallons of water annually for reuse. Building on the success of this project, we are expanding the technology for use in other plants in China as well as in our facilities in Europe.

"Our responsibilities as a company could not be upheld without our employees' dedication to take on challenges and deliver better and faster solutions. We want to thank each and every one of them for their continued efforts."

As our company changes, we recognize that success can only be achieved by consistently working together to meet our goals through integrated initiatives that prioritize progress and manage Tenneco's overall impact on the environment and our communities. Our responsibilities as a company could not be upheld without our employees' dedication to take on challenges and deliver better and faster solutions. We want to thank each and every one of them for their continued efforts.

Tenneco aims to serve our customers and society, with technology solutions that help make mobility cleaner, more efficient, comfortable and more enjoyable. As we do so, we remain always committed to the health and safety of our teams, the well-being of the communities where we operate, and the reduction of the environmental impact of our products from our operations. We look forward to sharing this sustainability story with you.

SOCIAL SUSTAINABILITY AND GOVERNANCE

We are committed to promoting corporate social responsibility and demonstrate these commitments through transparent and responsible management of our environmental, social, and economic values. We provide a safe and healthy work environment for our employees and aim to exceed expectations in communities where we operate and across our value chain.



Health and Safety



Leadership and the ability to create a strong health and safety culture is the focus of our employee commitment to maintain a Culture of Zero. We work to provide a safe environment within the global organization, aligned with our values and expectations of excellence for our world-class teams. Proper adherence to environmental, health and safety training and guidelines, along with routine safety training and equipment checks, are part of everyday life.

Tenneco believes that we are all accountable to reduce workplace hazards and risks. To achieve this, we created the Culture of Zero initiative to create a mindset around the advancement of health and safety in our workplace. We strive for a Culture of Zero because we want every employee to return home from work just as safely as they left from home. This commitment to environmental, health, and safety excellence applies to all our locations and levels within our organization.

We utilize a robust tool kit to address health and safety goals:

- **Life-saving Elements** protecting our employees from severe life-changing events at work and enforcing Life-Saving Elements through appropriate discipline.
- **Stop Call Wait** empowers employees to halt work with the potential to cause harm to himself or herself, another individual, environment or property.
- **Integrated Management Systems** maintain standard processes for prevention and mitigation of risks, effective data communication.
- **Continual Improvement** sustains our business by reporting all EHS events and identifying opportunities to improve EHS.

Globally, 43 percent of our manufacturing sites are certified in accordance to OHSAS 18001/ISO 45001 standards. Sites are selected for audit based on their classification, with schedules for re-certification as necessary. Third-party audits are driven by each business, only some of which have a requirement to complete a third-party certification (generally based on customer requirements). The majority of remaining manufacturing sites have management systems in place that are aligned or in accordance with standards such as OHSAS 18001 or ISO 45001. In the coming years, the two new independent companies formed from the separation (DRiV and Tenneco) will evaluate EHS Management systems to ensure value for all stakeholders and agreement with customer requirements. In 2018, we performed KAIZEN events for safety with a priority focus on heat stress, hand protection and machine safety. KAIZEN events are short-duration improvement projects led by a facilitator within the implementation team, given to members of the areas in which the KAIZEN events are conducted with occasional support areas and management functions represented. An example of our commitment to preventing heat-related illnesses at the workplace was our formal development and 2018 publication of our heat stress prevention procedure and heat

management plan within the EHS management system by our corporate occupational health and safety core competency team. Plants are required to monitor the heat load in the work environment, and to trigger various prevention activities if there is an increased heat load⁷. Examples of such prevention activities include drinking more water, watching for heat stress symptoms, providing extra breaks, and using cooling bandanas.

We encourage plant-level engagement through health and safety committees, certifications, and opportunities to voice ideas or share observations to management teams on a regular basis. At the regional level, operations directors facilitate recurring environmental safety forums which are attended by safety professionals, human resources, and designated employees on an annual basis. This diverse group of participants provides an inclusive perspective from all levels, allowing for knowledge and best practices sharing. For example, employees from all functions in the organization are represented at the annual Euro Forum, where employee-related topics are discussed, such as health and safety.

⁷Clean Air North America initiative



Safety Education

Our goal of creating a safe, injury-free workplace and supporting our employees is accomplished through providing training to employees, implementing safety programs, and ensuring compliance with all applicable laws and regulations. As such, we offer over 60 active courses available online for employees to refine their safety skills. Examples of recent internal initiatives includes the following:

Behavioral Safety

We partnered with industry leaders to implement a Behavioral Accident Prevention Process technology in 70 plants worldwide. This initiative is an employee-driven process that provides a flexible, systematic and comprehensive method for improving workplace safety.

Ergonomics

We provided tools and training resources to assess ergonomic risks and implement work design improvements. For example, we train our process design engineers so new manufacturing processes are designed with the worker in mind to help eliminate a safety risk before a single part is run.

Safety Training

Our facilities are required to develop and implement training plans that provide the general safety training, as well as necessary machine specific/task-specific safety training for all employees, including temporary workers that perform activities at their site.

Policy and Audits

We maintain health and safety management systems which are regularly audited to verify conformance with applicable EHS, legal, and other requirements by conforming to international standards such as OHSAS 18001.

Machine Safeguarding

We established a global standard that addresses safeguarding and control reliability requirements for all machinery operated by our employees by implementing a process for assessing risks, identifying hazards and installing safeguard systems. Tenneco Machine Safety Standard (TMSS) meets legal compliance requirements and ensures we provide employees with a safe work environment. We engage the technical expertise of our employees to enhance machine safety to improve operator safety through an integrated approach addressing risks while maintaining or improving Overall Equipment Effectiveness.

Emergency Planning

We develop and implement documented procedures and plans to effectively manage emergency situations in our facilities. Our Emergency Preparedness and Response Plans are instrumental in ensuring safe business practices for all employees when unthinkable situations arise.

These programs along with the implementation of Culture of Zero have had an immediate global impact across our business lines. In comparison to 2017, we saw a dramatic decrease in lost days and incidents rates while our hours worked stayed consistent. There were no employee fatalities in 2018.

	2017	2018	△
Incident Rate	0.80	0.73	-9%
Lost Day Rate	1.98	1.07	-46%
Hours Worked	188,945,522	189,123,469	0%

Incident Rate and Lost Day Rate metrics have been calculated based on 200,000 hours worked.

Diversity and Inclusion

At Tenneco, we embrace the unique needs of each geographical market - from customer requirements to employee cultures. We cultivate the diverse talents of our team and leverage their extraordinary perspectives and innovative ideas that make Tenneco an industry leader.

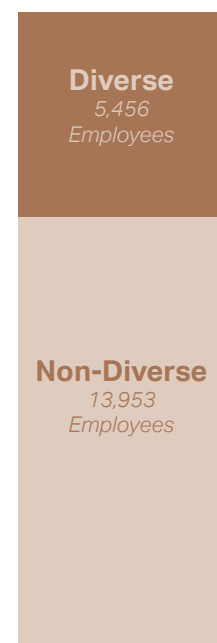
In addition to the 16,000 diversity partnerships we participate in through the Local Job Network, we partner with over 100 diversified organizations such as Hire our Heroes, Equal Opportunity Publications, and the United States Department of Health and Human Services. To increase employee awareness of such efforts, we created our Monthly Employee Awareness Campaign. For example, employees in our Southfield, Michigan office recognized the contributions of those with disabilities to our workforce and our society. This year's theme is "America's Workforce: Empowering All." To honor and celebrate National Disability Employment Awareness Month (NDEAM), Southfield employees donated funds to benefit the Special Olympics of Michigan.[‡]

Tenneco's most important asset is our global workforce - the men and women working hard to serve our customers. Having a skilled, capable and engaged workforce is vital to our continued success. We strive to create a culture in which our employees develop their skills and advance their careers through experiences, coaching and training to become a high-performance team.

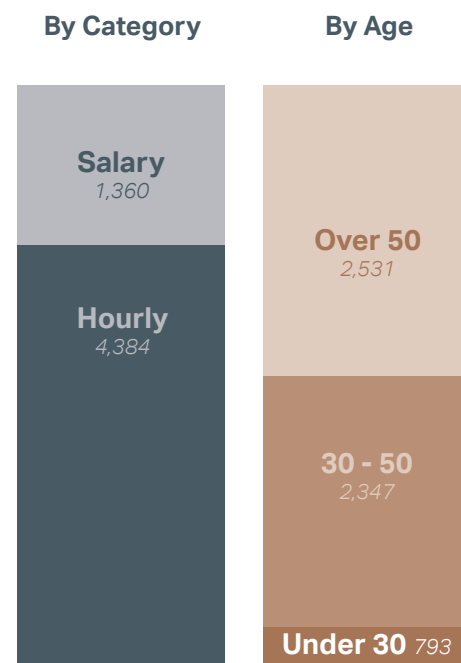
We take great pride that our workforce is diverse, inclusive, and dynamic. Greater than 25 percent of our workforce is classified as ethnically diverse or as female. We also understand that employee engagement is critical to our success which is why, in 2018, we continued to train all Human Resource Directors and Managers on how to enhance employee engagement using online and workshop blended learning.

Diversity initiatives are driven at the ground level from our local human resource personnel. These initiatives are overseen at the corporate level by both the nominating and governance committee, which has responsibility related to members of the Board of Directors, and the compensation committee, which has responsibility related to management. We are proud to hire employees from all backgrounds and skills, growing our female employee count over eight percent since 2016, with 25 percent of executive promotions being female.^{† 8}

U.S. Ethnic Diversity⁹



U. S. Gender Diversity Number of Females Employed⁹



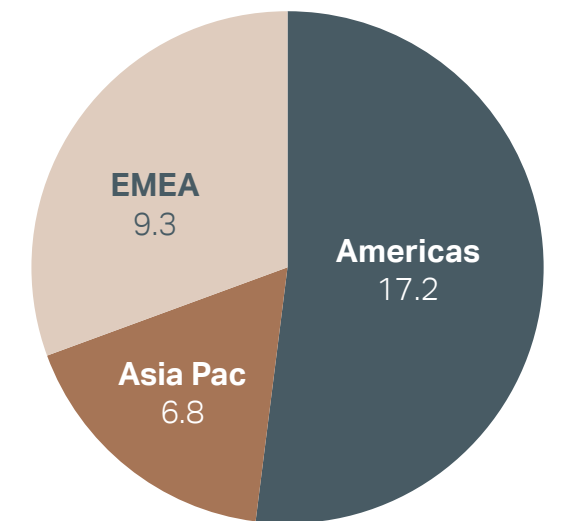
⁸Baseline figure, to be used for comparison in future reporting | ⁹U.S. data is hourly and salaried employees, global data not available

Talent Management

We have developed initiatives and opportunities to empower employees to progress their skill set, focusing on tools and training to build capability, technical, professional and leadership skills throughout our organization and use a progressive learning approach of "learn-do-lead" to develop our future leaders. An example being we have over 120 Tenneco employees as trainers (our target being a minimum two in every location) to train any leadership topic to the plant employees. We currently offer over 3,500 training classes and sessions, ranging from First Aid training to Managing Risk.

Throughout the year, over 41,000 in person and virtual training programs were held and completed across the globe to support the growth of our employees. Training programs are offered in a variety of topics from soft skills such as "Active Listening Skills for Professionals" to technical skills such as "Capital Budgeting". Close to 2,000 of the courses are dedicated to soft skills such as diversity, inclusion, ergonomics, on-boarding, new manager, difficult conversation, and some wellness topics such as work life balance and conflict management. Approximately 80 online courses are available for supervisor development such as change, developing self and others, coaching, interaction management, results, and diversity.

Average Training Hours Per Salaried Employee



Totals exclude Federal-Mogul tariff Employees

Training Highlight

In late 2017 and early 2018, several business divisions added a required U.S. Motor Vehicle Safety training for all employees in technology centers and certain shipping plants to learn more about specific requirements of the Motor Vehicle Safety Act and the steps Tenneco needed to take to avoid potential risks[‡].

Core Development Programs[‡]



Leading From Core Values

Helps participants to:

- Understand company and individual core values and articulate teachable points of view to enhance personal leadership;
- Improve their understanding of their personal style and behavior, their needs, and the impact of their approach and how others differ;
- Appreciate cultural differences and how to mitigate the negative impact of cultural differences on internal partnerships.

Rotational Program

Identifies and invests in high-potential early-career professionals to ensure the leadership necessary to meet the future needs of our business. The individuals selected to participate in this program complete a rigorous assessment process, receive focused skill development through classroom training and one-on-one mentorships, and experience business challenges across multiple locations and functions of our business.

Esprit

Addresses current or future junior managers, who have already taken or who will take a leading role within the next 12 months. The training program contains four modules on the following themes:

- Reflection of the New Role as a Supervisor;
- Management, Communication and Personality;
- Conversational Skills and Conflict Management; and
- Teams and Change Management.

US Operations Supervisory Program

Leverages the Core Values to learn:

- Transition to leadership challenges and building your network;
- DiSC communication style; and
- Communication for leadership success.

Management Development Center

Participants complete predefined assessment tools including but not limited to: case studies, competency-based interviews, team collaboration exercises, and individual exercises. Participants receive detailed feedback at conclusion of program and are encouraged to establish a personal development plan.

Global Competency and Assessments

Provides an overview of our Global Competency Library, defining Leadership and Technical Competency Assessment processes within the management system. These are critical components to our professional development strategy.

Leader Orientation

Leader Orientation is designed especially for new leaders and leaders on the "front lines," such as supervisors and team leaders. The training program contains five modules on the following themes:

- Core Values;
- Communication Skills;
- Motivation and Goal Setting;
- Standards and Discipline; and
- Developing People.

Power Up

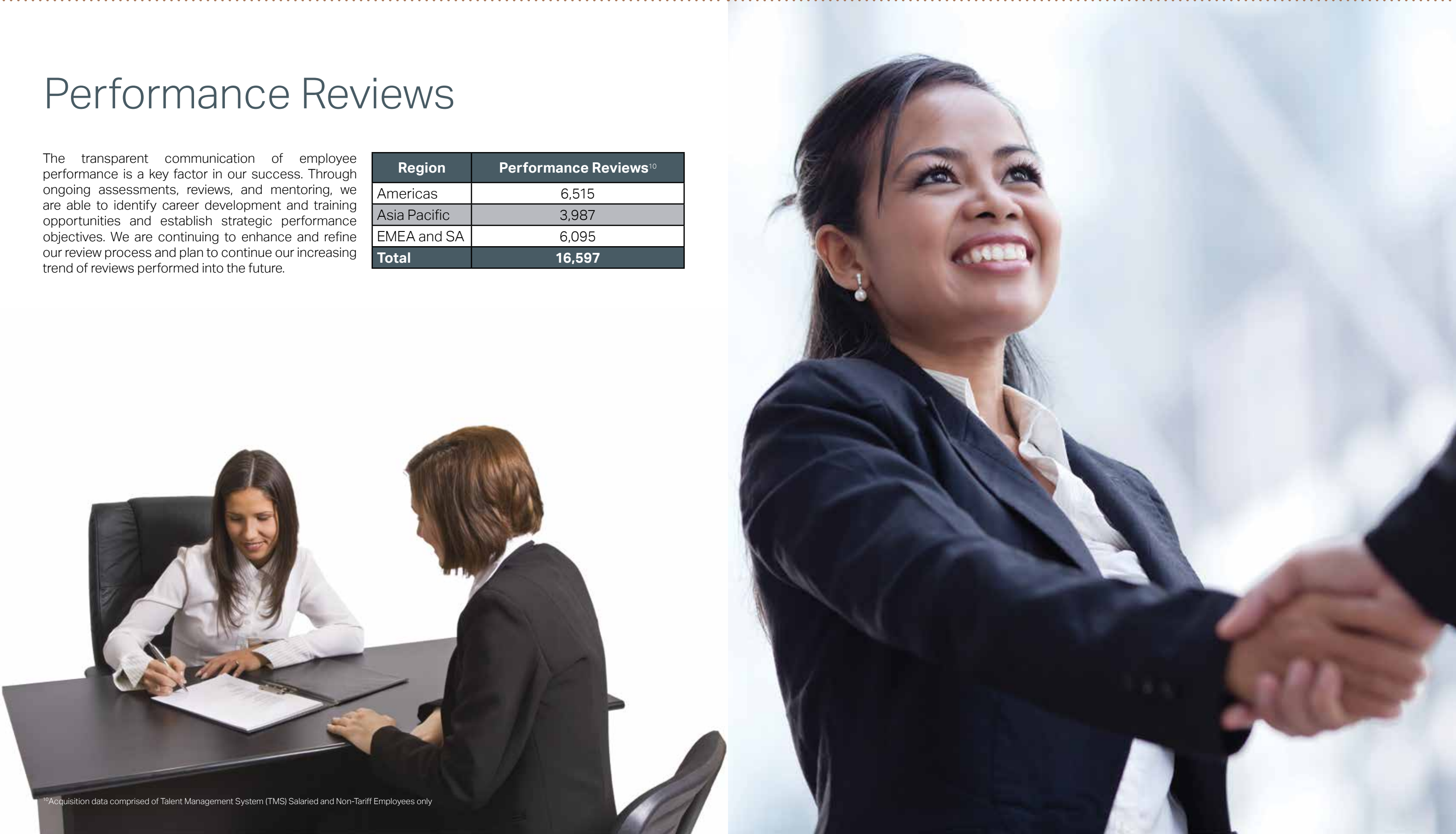
Creates a more anticipating leadership approach across Europe and standardized approach to the plants through:

- Pushing entrepreneurial attitude in the organization;
- Increasing capability to adapt agility and to take decisions on a strategic level; and
- Creating awareness about the needs of the change of the business/market.

Performance Reviews

The transparent communication of employee performance is a key factor in our success. Through ongoing assessments, reviews, and mentoring, we are able to identify career development and training opportunities and establish strategic performance objectives. We are continuing to enhance and refine our review process and plan to continue our increasing trend of reviews performed into the future.

Region	Performance Reviews ¹⁰
Americas	6,515
Asia Pacific	3,987
EMEA and SA	6,095
Total	16,597



¹⁰Acquisition data comprised of Talent Management System (TMS) Salaried and Non-Tariff Employees only



Community Involvement

Tenneco encourages our employees to give back to their communities through participation in local events, fundraisers, or philanthropic contributions. We recognize the contributions initiated and made by our employees around the world through the TEN10 program. This program celebrates those who exemplify leadership through our shared values out in their communities. Each year, we recognize ten individual finalists and one team as exceptional examples of our values in action. Winners received a donation of \$10,000 to a cause of their choice, for a total of \$110,000 in donations. Their stories exemplify Tenneco culture, which is united by a common vision, shared values, and a commitment to always operate with the highest ethics and integrity everywhere we do business.

In addition to recognizing exemplary employees, our employees participate in company-sponsored community events. Over the past reporting period, employees throughout the world organized and participated (on behalf of Tenneco) in volunteer activities unique to the current needs of their community.

Plant Volunteering Highlights

- Cambridge, Ohio, USA**



Throughout the year, the Cambridge, Ohio plant supports several key community projects that benefit those in need. These include United Way, Relay for Life, Senior Citizens, Secret Santa and Feed My People.

- Boaz, Alabama, USA**



The Boaz facility opened their door to the teaching staff of the Boaz High School. The Outreach Program identifies skills of math, reading, and vocational skills as those needed to be taught for students to have more opportunity to be hired.

- Delhi, India**



We launched another program at IIT Delhi to empower the youth of the community. More than 40 students completed the course having passed the NIIT exam, and the fourth group commenced in March 2018 with 25 students enrolled.

2018 TEN10 Award Recipients

Caoyuan Ma <i>Beijing</i>	Robin Carey <i>Harrisonburg</i>
Francisco Briceno <i>Celaya</i>	Denise Harl <i>Jeffersonville</i>
Jinghua Liang <i>Chengdu</i>	Jean-Michel Laratte <i>Laval</i>
Wanlapha Rojanasaroch <i>Chonburi</i>	Scott Rawlings <i>Milan</i>
Clara Villaescusa Miguel <i>Ermua</i>	Herminio Rita <i>Palmela</i>
	Tesla Project Team <i>Suzhou</i>

In 2018, award recipients donated to the following: Big Brothers, Big Sisters, The Wounded Warrior Project, soup kitchens and orphanages, the Association of the Integrations of the Disabled Amorebiertal-Etxano, the Portuguese League Against Cancer, and schools.

Governance

Tenneco's comprehensive corporate governance plan defines responsibilities, sets high standards of professional and personal conduct, and assures compliance with such responsibilities and standards.

As part of its annual review process, the Board of Directors monitors developments in the area of corporate governance. The following are some of the key elements of the Company's corporate governance plan:

Independence of Directors and Qualifications

- Independent directors meet separately in executive session regularly after scheduled Board of Directors meetings.
- All directors serving on the audit committee meet the independence standards for audit committee membership under the NYSE listing standards and applicable Securities and Exchange Commission (SEC) rules.

Audit Committee

- The Board of Directors has two designated "audit committee financial experts," as defined in the SEC rules, and all members of the audit committee satisfy the NYSE's financial literacy requirements.
- A written charter governs the audit committee's duties and responsibilities, including its sole authority to appoint, review, evaluate and replace the Company's independent auditors.
- Policies and procedures govern the pre-approval of all audit, audit-related, tax and other services provided by the Company's independent auditors.

Communication with Directors

- The audit committee established a process for confidential and anonymous submissions by employees of the Company, as well as submissions by other interested parties, regarding questionable accounting or auditing matters.
- The Board of Directors established a process for stockholders to communicate with the Board of Directors, as a whole, or any independent director.

Anti-corruption and Bribery

- Operations are assessed for risks related to corruption.
- The anti-corruption risk assessment was included in the 2018 legal and compliance risk assessment and the enterprise risk assessment.
- Vendors must comply with our Code of Conduct, which requires third-party due diligence screening for anti-corruption compliance requirements.
- All salaried employees received on-line Code of Conduct and anti-corruption training. Tenneco requires local management to communicate and distribute policies locally and complete a Control Self-Assessment on their process.[†]
- Internal Audit integrates anti-corruption procedures into their regular audit plan.



Ethical Business

How we conduct business matters, and we're committed to conducting business with the highest degree of ethics, integrity, and compliance with the law everywhere we operate. Ethical governance is a core requirement of doing business responsibly as it supports a safe and healthy working environment for all workers and seeks to provide working conditions that meet or exceed applicable laws and standards. Our compliance and ethics expectations are set forth in Tenneco's Code of Conduct, training materials, and other communications that are provided to employees and suppliers. Our Code of Conduct sets out specific obligations for our employees with respect to ethics and compliance, anti-corruption, communication, and commitment to stakeholders.

In addition to our own commitment to fair working conditions, a guiding principle of the Tenneco Code of Conduct states, "Tenneco respects the human rights of all people and expects our suppliers and other business partners to follow the same high standards of social responsibility." Tenneco views compliance with this commitment to human rights as an important responsibility of every Tenneco employee and supplier. Our principles and guiding business practices, outlined in our Basic Working Conditions policy, are compatible with the human rights frameworks identified in the following:

- **The United Nations Universal Declaration of Human Rights**
- **The United Nations Global Compact**
- **The Organization for Economic Cooperation and Development (OECD) Guidelines for Multinational Enterprises**
- **The Global Sullivan Principles of Social Responsibility**

Salaried employees review and certify compliance with the Code of Conduct annually. In 2018, all Tenneco salaried, non-tariff employees received the Code of Conduct certification (which included the anti-corruption policy). Employees who violate the Code of Conduct may be disciplined or dismissed depending upon the nature of the violation.

We apply unified approaches to interactions with employees in all the countries and regions in which we operate, considering the specific differences of local cultures. In the United States, more than half our operations have unions representing our employees. Globally, approximately 48 percent of our 81,000 employees are covered by collective bargaining agreements. The remainder are union-free but U.S. locations are subject to compliance under the National Labor Relations Act (NLRA) which means the employees at those sites have a right to consider a third-party to represent them in collective bargaining. Information is posted at all our U.S. sites that advises employees of their rights under the NLRA. There were no violations of the NLRA in these facilities during this reporting period.

We hold our suppliers to the same ethical standards as our employees. Suppliers are required, as a condition of doing business with Tenneco, to sign-off on the Tenneco Code of Conduct and Supplier Basic Working Conditions. Human rights clauses or human rights screenings are included or performed prior to completing significant investment agreements and contracts. More information about our supplier requirements is found within the 'Responsible Sourcing' section of this report.

Cybersecurity

At Tenneco, we combine technology, people, and processes to protect our IT systems and data through a comprehensive risk-based information security program based on industry best practice frameworks such as NIST and ISO 27001. These programs employ a design approach using overlapping layers of technology protections, standards, and associated processes to ensure proper coverage and effectiveness. This approach is designed into the IT systems and processes used across the company. Risk-based analysis is used to prioritize deployment of controls along with routine assessments conducted to gauge effectiveness of the program controls against maturity objectives. Visibility of these assessments are maintained up to the senior management levels of the organization. In line with our commitment to building and improving trust with our stakeholders, we incorporate privacy by design into our personal data processing activities. Our privacy statement outlines our commitment to protecting personal information and describes the rights that individuals have and how they can exercise those rights. We investigate incidents and customer privacy complaints thoroughly in accordance with applicable legislations such as the General Data Protection Regulation (GDPR).



ENVIRONMENT

Tenneco is committed to environmental stewardship and the health and safety of our employees, customers and communities. Our environmental approach is based on the implementation and integration of sustainable practices into our core business processes and policies. We recognize the importance of environmental stewardship to our customers and we design and deliver products that enable fuel-efficiency and eliminate emissions in vehicles and engines. Our operations are actively reducing resource consumption through energy, water, and waste management initiatives.

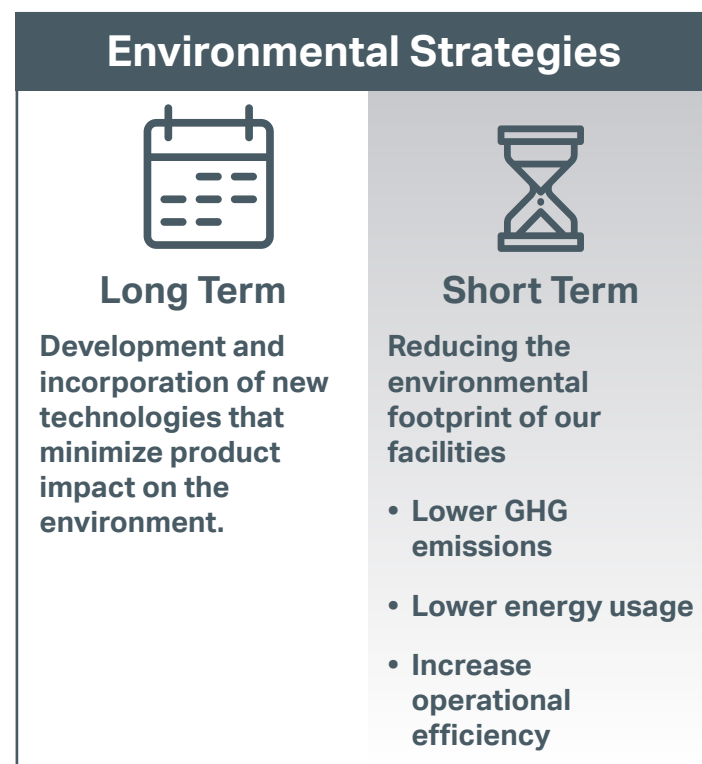
The company is committed in our mission of engineering and manufacturing products that reduce emissions and improve fuel economy in a sustainable manner within our facilities located around the globe. Our commitment to the environment is not solely limited to the development of sustainable technologies that reduce emissions. We were among the first in the world to introduce a complete line of low -and zero-copper brake pads more than ten years ahead of mandated legislation to phase out the use of copper due to its adverse environmental impact. To date, more than 2.5 million vehicles throughout the world have been equipped with our Eco-Friction® branded brake pads.

Environmental Strategy and Management

All business units within Tenneco are united in our mission to preserve the environment and conserve resources. As a global organization, we are committed to supporting local communities and enabling a healthier and more productive world through our risk-based, focused, balanced, and aligned approach.

Tenneco’s environmental strategy is focused on reducing the environmental footprint of our facilities while developing and delivering quality products that enable fuel-efficiency to our customers. Our strategy is partially informed by risk and opportunity assessments identified by business systems. For example, customer and regulatory requirements identified by our Sales and Commercial Operations translate into product strategy and development within our Product Development and Launch business system.

To accomplish our short term strategy, Manufacturing Operations is continually investigating higher efficiency in the selection of our production assets and facilities to lower energy costs. An example being a manufacturing location in Cambridge, Ontario was converted to state-of-the-art LED lighting which reduced overall electricity consumption. This reduction in electricity consumption is consistent with our operational goal of minimizing our impact to the environment. In addition, our annual business strategy cycle is linked to regulatory emissions targets through the review of regional, regulatory targets for the next 10+ years, as well as the product choices our customers plan in their future portfolios. This review serves as the linkage between our short and long term strategy coordination. Greenhouse gases (GHGs) and vehicle propulsion efficiency have been identified as key defining opportunities for our business lines and feature prominently in our future product roadmaps in support of our automotive industry customers.



Our environmental commitments support business growth and help address the impacts of climate change while helping our stakeholders meet their own sustainability goals. We leverage our technical and regulatory expertise to create processes in which we identify regulatory market opportunities which translate into business growth and new technologies. In 2018, our New Technology Introduction (NTI) competency included team members from both core science and advanced engineering functions. These groups investigate, propose and develop new prototype products and pursue intellectual property under our NTI management system. Successful products are then transferred through the Tenneco Program Launch System (TenPLUS).

In the last ten years, Tenneco committed to performing corporate-wide inventories of energy consumption and GHG emissions. Since then we have reduced emissions by 34%[†].

We created a cross-functional committee to steer and enable the Company’s vision for environmental stewardship, drawing insights directly from our Environmental Health and Safety (EHS) division and working collectively to set environmental and operational goals and strategies. These two systems are complementary - results of the Enterprise Risk Management (ERM) process and operational oversight are used to align strategy, people, process, technology, and knowledge with the purpose of evaluating and managing risks and opportunities on an integrated basis, focusing on both protecting and enhancing value. Our Senior Vice President (SVP) of Human Resources has the highest level of direct responsibility for environmental risks, opportunities, and goals. The SVP oversees Tenneco’s EHS activities and reports directly to our Chief Executive Officer.

Environmental goals are managed through the implementation of the ISO 14001 standard and similar site-level management programs. Environmental audits are performed annually with three-year certification cycles. We report and share our environmental metrics monthly to our CEO and Staff leadership, evaluating and tracking against our annual targets and objectives. Our ISO 14001 third-party certifications further demonstrate our commitment to environmental

excellence. Of our global manufacturing sites, 81 percent are certified in accordance to ISO 14001 standard. The majority of remaining facilities have a management system in place in accordance to this standard.



Environmental Performance

As a global organization, we are committed to supporting local communities and enabling a healthier and more productive world. We take a proactive approach towards continuous environmental improvement through recycling, reuse, energy conservation, conservation of water and other non-renewable resources, air and water pollution prevention, and effective waste management. This approach is bolstered by our clearly defined goal of reducing our global GHG emissions and weight of product shipped by 50 percent from a baseline of 2008 by 2020[†]. Looking toward the next few years, we anticipate each separate, independent new company will establish relevant goals and objectives which will include environmental aspects, based on identified risks and opportunities to each business. Further improvement actions we participate in include calculating our pollution prevention index (PPI), implementing ISO 50001 management systems at many of our European manufacturing sites, and disclosing our environmental performance to stakeholders through CDP and other frameworks. The following sections highlight our most recent environmental performance and initiatives within our operations.

Initiatives and Goals[†]

Reduce energy use and related greenhouse gas emissions

- 3% reduction in energy use by 2019, normalized by hours worked, as compared to 2016 baseline levels
- 3% reduction in GHG emissions by 2019 (Scope 1 and Scope 2), normalized by hours worked, as compared to 2016 baseline levels

Reduce water use

- 3% reduction in water use by 2019, normalized by hours worked, as compared to 2016 baseline levels

Reduce hazardous waste generation and disposal

- 3% reduction in industrial hazardous (dangerous) waste disposed by 2019, normalized by hours worked, as compared to 2016 baseline levels



16.4 Metric Tonnes CO₂e Savings

We measure, monitor, and analyze our carbon footprint year-over-year and continue to invest in reduction efforts and improvement of data collection. In 2018, we made progress on several initiatives such as:

- Upgrading building systems, such as HVAC and heating controls, to be more efficient
- Process optimization for machinery in 16 locations, leading to an estimated savings of 16.4 metric tonnes CO₂e

2018 Data	
Energy Consumption	3,031,274 MWh
Scope 1 GHG Emissions	200,922 mt CO ₂ e
Scope 2 GHG Emissions	1,433,614 mt CO ₂ e



5 Million Gallons of H₂O Recycled

Our current water stewardship goals include completing a detailed assessment of the importance of sufficient amounts of quality freshwater across our value chain by 2021.

We are currently working to balance our water-related risks with our energy use goals to optimize our overall environmental footprint. For example, we implemented a waste water treatment system in our Changzhou plant, recycling for reuse more than five million gallons of water a year.

2018 Data	
Water Withdrawal	7,150,791 megaliters



4.6 Million Pound Waste Reduction

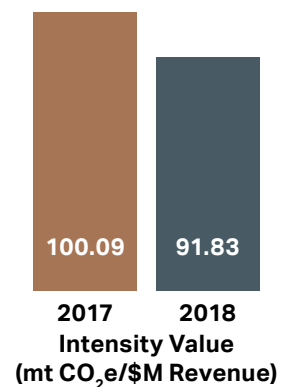
The Clean Air North America division of Tenneco had a reduction of 4.6 million pounds of waste in 2018. This waste reduction was the result of a number of activities including, but not limited to:

- Reusable chip containers instead of using cardboard containers.
- Reduction of waste water by installation of Delta 3 spark arrestors for welding equipment.
- Project of cleaning spark arrestors with air instead of water

2018 Data	
Waste	134,333 thousand pounds ¹¹



8% Overall Reduction in Emissions



¹¹Represents a portion of the acquired sites

Product Innovation

As vehicles become increasingly sophisticated, innovative technology solutions are needed to stay ahead of a transforming industry. Our products help reduce vehicle mass, improve fuel economy and meet emissions targets without compromising vehicle performance which has become critical for vehicle manufacturers. Innovation is measured by the success of the new product or process in the market; that it has made a tangible impact, with measurable benefits to the customer in terms of environmental performance, cost and customer satisfaction.

Tenneco's technology roadmap for the Clean Air division ensures that we have the right technologies at the right times to meet, and exceed, the needs of our customers in all markets. Our emission control engineering centers share global expertise and capabilities to design and develop solutions for passenger car, light truck, commercial vehicle, locomotive, power generation, marine, and specialty vehicle applications. Research and development efforts focus on innovations to support immediate and anticipated mandates and customer demand for diesel-engine vehicles as well as gasoline. On an ongoing basis, product management and advanced engineering teams jointly review and create roadmaps of technologies and products necessary to support our customers' fuel type, engine, and exhaust strategies





Recognition

On an ongoing basis, product management and advanced engineering jointly review and create roadmaps of technologies and products necessary to support our customers' fuel type, engine, and exhaust strategies. In 2018, the continuing instability in regulations on fuel economy and a market shift towards light weighting of components used in vehicles informed our strategy and business decisions for product road maps and prioritized product plans. In addition to the existing portfolio, as a part of our overall business strategy, we continue to invest into future products that will support our customers' strategies in meeting global regulatory targets for pollutants and greenhouse gases. The success of our innovations within the marketplace demonstrates the tangible impact with measurable benefits they provide to our customers in terms of environmental performance, cost, and customer satisfaction. As a 22 time recipient of the Automotive News PACE™ Award, we are honored by the continued recognition of our capabilities and expertise.

We see hybridization and electrification of powertrains as a key enabler for vehicle manufacturers to reduce emissions. Our research and development processes are in place to develop components that will meet customer and end consumers demand for more efficient vehicles and engines. For example, since its launch in 2010, MicroTorq® seals have been featured on or are in development on more than 14 engine programs, including General Motors' Ecotec small displacement engine family, which began production in 2015. The new Ecotec family is designed to improve fuel economy, performance and emissions.

As a demonstration of our dedication to investing in clean technology advancements, we completed the acquisition of UK-based clean-tech development company, Controlled Power Technologies Ltd in November of 2017. The purchase provided a timely route for our Powertrain division to expand into

the development and manufacture of powertrain technologies for electrification and hybridization that complement the company's existing capabilities. The new unit specializes in the development of 12V and 48V electric motor generators for start-stop applications, mild hybridization, exhaust-driven electrification technologies, e-boosting for combustion engines, e-compressors for fuel cells and similar products to provide powertrain manufacturers with fuel economy improvement, drivability, performance enhancement and emissions reduction measures suitable for a wide range of applications including passenger cars, commercial vehicles and industrial engines.

2018 Select Awards and Recognitions

- General Motors Supplier of the Year
- Auto-Wares Supplier of the Year Award
- Automotive News PACE™ Award+
DuraForm®-G91 Diesel Piston Alloy
and PRiME® 3D Software
- Also recognized by: The Auto Care Association, The Automotive Communication Council, The Car Care Council Woman's Board and many others.

Process

As a result of growing customer requirements, changes in consumer behavior, industry evolution, and environmental regulations, Tenneco's innovation strategy has focused to increase product range to support internal combustion and hybrid engine needs. Our technical and regulatory expertise provides a strategic advantage in identifying opportunities that allow us to seamlessly translate into business growth and new technologies.

Greenhouse gas emissions and vehicle propulsion efficiency are key defining opportunities of these business divisions and feature prominently in our future product roadmaps in support of our automotive industry customers. For example, the product management component of our Sales and Commercial Operations reviews customer feedback, assesses reputational risk, and translates customer and market requirements into product strategies, road maps and prioritized product plans. Our Product Development and Launch system identified regulatory risks and opportunities and considers these in the strategies and roadmap to develop new products through the Tenneco Product Launch System (TenPLUS).

Our Innovation team developed a cross-functional, phase-gate business process to manage investment risk as well as gauge market acceptance and Technical Readiness Level (TRL) of new products under development. Not only does this program focus on identifying regulatory market opportunities, as described in our Environmental Strategy section, it increases the probability that our research and development investments will result in successful customer adoption of targeted new high margin products to drive top and bottom line growth, evaluate the customer voice and roadmaps, and anticipate development opportunities for the next five years.

This formal evaluation process consists of gates and milestones to ensure the quality and integrity of new innovations is maintained in addition to ensuring appropriate internal resources are allocated to streamline project completion. At a high level, most of our innovations are driven by fuel economy standards (i.e. to reduce CO₂, exhaust recovery, etc.) which will help us be prepared for regulations that will be in place in 2025. To achieve these, we make our products more "efficient" by reducing waste, reducing scrap, and continuous improvement programs driven through a formal process at the manufacturing level. We continue to monitor payback on these initiatives.

Product innovation is assessed through product cost leadership, superior functionality, advancement of technology, vehicle dynamics/integrated systems expertise, being a Noise, Vibration, and Harness (NVH) solutions provider, and leading aftermarket brands. Each business unit within the organization has unique measures and metrics that indicate successful innovation. For example, our Ride Performance product line has the goal of facilitating a superior driving experience. To achieve this, they must meet the increasing demand for advanced suspension technologies that enhance vehicle performance.



DuraForm® G91 Aluminum Alloy

- Specifically developed for highly loaded light vehicle aluminum pistons, provides industry leading strength and fatigue resistance for unmatched durability. The improved material properties allow for design flexibility to minimize overall reciprocating mass and leads to reduced overall friction and fuel economy benefits.

Monosteel® HIW (Hybrid Induction Welding)

- Creates unique steel piston architectures due to its assured weld quality and accurate weld orientation. This provides a solution for complex crown geometries adopted by major diesel engine manufacturers for emissions and fuel economy improvements. HIW is also used for light vehicle diesel pistons, where the ability to weld thin wall steel sections is essential for optimal piston cooling.

IROX® Polymer Coated Washers

- Have demonstrated beneficial results for engines with superior wear resistance and significantly lower coefficient of friction. This provides vehicle manufacturers, especially those with hybrid engines, durability and fuel economy advantages.

MicroTorq® Elastomeric Shaft Seal

- Addresses the need for reduced parasitic power losses. The MicroTorq® seal reduces frictional losses by up to 80 percent versus conventional dynamic seals. This translates into potential improvements in vehicle fuel economy of up to 0.15 mpg and reduction in CO₂ emissions of up to 1.5g/km. The new design is capable of performing under all application conditions.

Compact Ford Panther Mixer

- Decreased use of precious metals, lowering weight, and increasing efficiency and reducing total cost for the customer

Alpine Lightweight Exhaust

- Decreased weight of 3.3 kg per vehicle over a traditional system.

BMW Low Pressure EGR Valve

- Enables the vehicle to achieve greater fuel economy.

Product Safety

Ensuring the safety of customers who purchase and use our products is key to maintaining a successful business, founded on trust and reliability. In addition, we have a dedicated team responsible for registering the chemicals employed in our manufacturing processes with the European Chemical Agency (ECHA) and ensure their safe use.

In 2018, our Product Safety and Security (PSSO) worked across functions of our businesses through our Warranty Council to improve processes that put safe products on the market, aiming to:

- Reduce risk of future safety or security defects
- Reduce risk of launch delay due to compliance
- Respond to safety issues over the product life

We did this through a Process Framework that consists of 12 Requirements and 10 Process Elements, derived from safety acts/laws and common guidelines (i.e. IATF, ISO, IEC, etc.). In order to analyze, and discuss information needed to evaluate the safety obligations of the Company, Tenneco has established the Global Committee. The Global Committee obtains legal advice from the Legal Department about the Company's regulatory and financial reporting obligations concerning potential Warranty Events, TREAD Events, and Recall Events after soliciting and receiving information from many sources within the Company, including information elevated by the Sub-Committees.

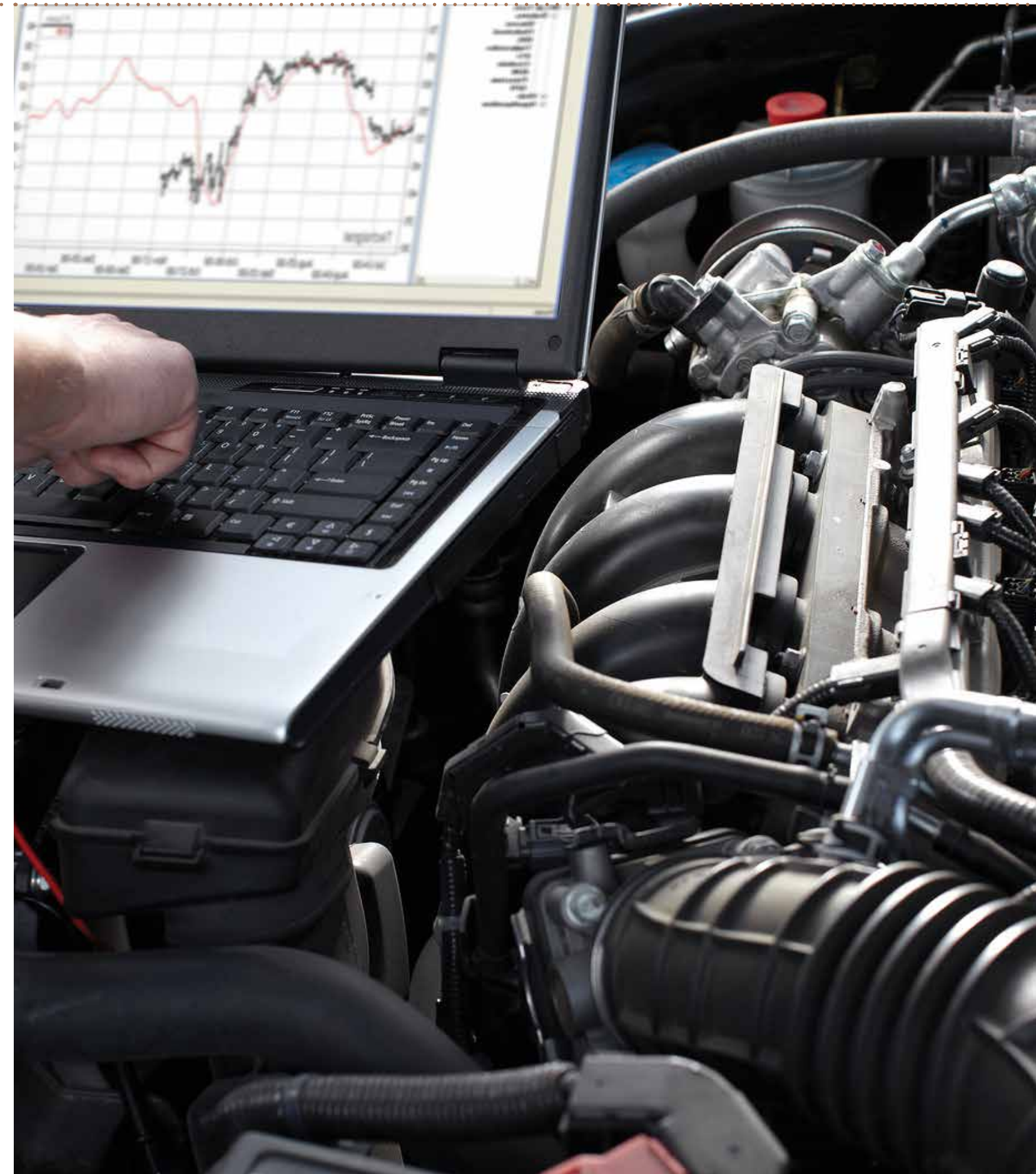
In 2018, we benchmarked best practices and current state of PSSO to better develop processes for preventing issues. We assessed roadmaps for product risks and opportunities, identifying immediate process improvements in addition to holding several workshops to improve the way we assess product safety risk in our engineering process. Additionally, these business lines created an internal escalation procedure that requires escalation of potential product safety issues. Location managers, quality managers, or designated person(s) are required to notify management of

potential issues, which are then reviewed through the escalation process and generally brought to the Quality and/or Legal departments to determine the level of escalation and corrective action process required to close the issue. We hope to expand these initiatives to our remaining business lines in the future.

Risk assessments inclusive of safety metrics were incorporated within all our product manufacturing processes, such as our New and Leading Technology Introduction processes. These processes are consistent with ISO 26262. For example, our safety program was continuously evaluated using the following nine components:

- Traceable safety decision process
- Show safety is highest priority
- Include product safety in PDP
- Independent auditing
- Integrate safety upfront
- Train organization in product safety
- Outside eyes/diversity in reviews
- Continuous improvement
- Controlled process at all levels

Through these programs and processes, we identified the following key risks that will continue to be an issue for the Company: (1) vehicle automation/ autonomous driving and (2) air emissions moving from passive to active (actuators/electronics built into products can "misbehave" and short circuit). In 2018, 92 percent of locations were certified to IATF 16949, one of the automotive industry's most widely used international standards for quality management.



Supply Chain Management

Commitment to ethical and lawful conduct is our utmost priority. We are dedicated to partnering with suppliers that not only have superior ethical and safety track records but are environmentally responsible. Tenneco recognizes that increasing fuel efficiency regulations continually impact the market and our customers and drive our strategy to improve fuel efficiency technologies. As a part of this strategy, we are seeking out more vendors that can support clean air innovation. To meet these commitments, all of our direct and indirect materials and processes are described within our global purchasing procedures.

Responsible Sourcing

We aim to positively impact individuals and communities through our direct operations and products; however, we acknowledge that by working with our supply chain we can indirectly work to ensure sustainability and responsible sourcing are key commitments. We enforce our commitment to human rights and responsible sourcing in our supply chain through the publication, distribution, and enforcement of rules outlined in our Code of Conduct and Basic Working Conditions, along with our Supplier Manual. These documents detail our supplier expectations to oppose any form of forced or compulsory labor and support zero tolerance of harassment or discrimination against employees in any form. Tenneco expects our suppliers to conduct internal audits and self-assessments as a condition of our contracts. Although we do not independently audit suppliers, we review self-assessments completed by our suppliers. We use supplier management software to manage suppliers and offer supplier orientation. All suppliers that are entered into our supplier management software must sign the Code of Conduct.

To ensure these policies are communicated to our employees, we conduct internal training related to forced labor and fair working conditions and provide relevant training materials to employees on our intranet site. Furthermore, we require that each direct material supplier maintain a training program concerning Tenneco's commitment to forced labor and working conditions. We encourage all suppliers to take the Automotive Industry Action Group (AIAG) Supply Chain Sustainability Knowledge Assessment and take the AIAG Supply Chain Sustainability e-Learning.

To the extent that ethics or compliance issues are noted in the context of any interaction with a supplier, we have procedures in place to take appropriate and necessary action to address and resolve such issues. To promote accountability, we are committed to taking appropriate actions to urgently remediate or discontinue relationships with suppliers and other third parties who

fail to meet our standards for lawful and ethical conduct, including prohibitions on the use of forced labor in any of its forms, such as human trafficking and slavery. Our Ethics and Compliance Hotline can be accessed through multiple reporting channels and is available to anyone to report any concerns or potential deviations from our expected values. Such reports are promptly investigated, and appropriate actions taken.

In 2018, we implemented a program for assessments that will provide more ethics and control around managing vendor risks and due diligence.[†] For indirect vendors, we implemented an automated workflow that assesses risk based on category of service, location, sponsor questions, and vendor self-assessments. A risk calculation is used to ensure that vendors with higher risk received a compliance review so that risk can be mitigated or avoided. Mitigation actions include items such as background checks, contract clauses, training and monitoring. We are expanding this process to the acquisition.



Conflict Minerals

Tenneco is committed to sourcing components and materials from companies that share our values around human rights, ethics and environmental responsibility. We are committed to complying with the Dodd-Frank Wall Street Reform and Consumer Protection Act, supporting the elimination of the use of tantalum, tin and tungsten from improper sources that could promote abuses in the Democratic Republic of the Congo Region. We have implemented a due diligence process to meet these obligations

including review of mandatory responses to our supplier questionnaires. Tenneco takes appropriate corrective action if an issue is identified, ranging from training to investigation to remediation. Tenneco also expects its suppliers to exercise due diligence on the source and chain of custody of these minerals and make their due diligence findings available to Tenneco. To ensure compliance with these requirements, each company in our supply chain must request information regarding the use of conflict minerals from their direct suppliers, who, in turn, must solicit that information from the next tier of suppliers. More information about our conflict minerals reporting is in our Conflict Minerals Policy.

Tenneco imposes reporting requirements on its global supply chains, regardless of where the components and materials are purchased. Tenneco has been working closely with AIAG and our Original Equipment Manufacturers and tier-one colleagues to ensure consistency in the tools used to establish this process. We will continue to:

- **Educate suppliers with respect to the requirements on conflict minerals;**
- **Use an industry-wide identified approach to develop a centralized means of collecting, tracking and responding to customer requests;**
- **Assess products and identify those for which conflict minerals are or may be necessary to their functionality or production; and**
- **Develop processes to determine if such necessary conflict minerals originated in the covered countries or to confirm that they are from recycled or scrap sources. This will include supporting the Conflict-Free Smelter Program developed by the Responsible Business Alliance (RBA) and Global e-Sustainability Initiative (GeSI) and obtaining information and assistance from suppliers to trace the origin of any necessary conflict minerals.**



Supplier Diversity

Tenneco recognizes the value of diversity and actively seeks opportunities to create diverse supplier partnerships. We are committed to maintaining a diverse supplier base and continue to implement business practices that will provide equal access to procurement opportunities for minority- and women-owned businesses. We track spend with the following diverse suppliers:

Supplier Group	Suppliers (#)	2018 Spend (\$M) ¹
Minority Business Enterprise (MBE)	49	43.6
Woman Business Enterprise (WBE)	50	40.5
Veteran Business Enterprise (VET)	18	90.9

In the past five years we are proud to have received 18 supplier diversity awards from partners such as GM, Ford, Nissan, and Toyota.

Tenneco connects with diverse suppliers through memberships, partnerships, conferences, and tradeshow with customers, as well as diversity advocacy organizations, such as the Michigan Minority Supplier Diversity Council, Great Lakes Women's Business Council, Asian Pacific American Chamber of Commerce, Michigan Hispanic Chamber of Commerce, National Veteran's Business Development Council, and the National Minority Supplier Development Council.

Our commitment extends to identifying, developing, and sustaining our relationships with diverse business enterprises to support our growth in line with evolving business environment. To ensure this, we only accept supplier certification from the National Minority Supplier Development Council and the Women's Business Enterprise National Council.

Our goal is to increase the number of qualified vendors, representing both racial and gender diversity that meet the standards for quality and value. We have a commitment throughout our corporation that, as a team, we can succeed in reaching this goal.

Our efforts have been acknowledged through the following awards we received throughout 2018:

- GM Top Performer Silver Award
- Toyota Excellent Supplier Diversity Award
- Nissan Supplier Diversity Certificate for achieving Nissan goals

Stakeholder Engagement⁴⁹

Tenneco seeks like-minded stakeholders who share our values and exhibit an ethical approach to business relationships. Regular dialogue with employees, customers, investors, community leaders, suppliers, government and regulatory agencies, trade associations and third-party providers through formal and informal channels is essential to conducting our business, as well as developing and implementing our sustainability strategies. We stay in regular contact with stakeholders on emerging sustainability issues and trends, and periodically receive inquiries and requests for engagement from stakeholder groups.

Stakeholder Priorities and Actions

Group	How We Engage	Common Topics of Importance
Customers	<ul style="list-style-type: none"> Ford's Partnership for a Cleaner Environment (PACE) program. Host Customer Technology Days and step-level meeting with customers. Participation in OEM's Sustainability initiatives, e.g. BMW Sustainability Training for Suppliers, Scania Sustainability Supplier Day. Participation in Automotive REACH Task Force. 	<ul style="list-style-type: none"> High product safety and quality. Sustainability-related risks and opportunities impacting customer decisions. Excellent customer service. Management of restricted substance, e.g. REACH.
Employees	<ul style="list-style-type: none"> Town hall and employee meetings, global webcasts, picnics and special events, training and development, and recognition programs. Euroforum. Sustainability Committee. Enterprise Risk Management. 	<ul style="list-style-type: none"> Safety. Business continuity. Training and development. Diversity and inclusion.
Investors	<ul style="list-style-type: none"> Annual shareholder meeting. Quarterly webcasts to discuss financial results. Regular participation in global financial conferences. 	<ul style="list-style-type: none"> Business performance. Regulatory risks. Corporate governance. Sustainability-related risks impacting shareholder value.
Suppliers	<ul style="list-style-type: none"> Participation in AIAG and CLEPA's Sustainability/ CSR Expert Group. Supplier Diversity Program. 	<ul style="list-style-type: none"> Suppliers stability and growth. Sustainable business performance.
Community	<ul style="list-style-type: none"> Providing site visits and plant tours, outreach programs, partnering with local charitable organizations and schools, and environmental stewardship and reforestation projects to communities in which our facilities are located. In India, 2% of our net earnings are dedicated to programs that support the under-privileged, including education for children and skills-training for women to enhance their employability.† Many of our US-based locations support United Way and our headquarters location provides support through a fundraising campaign. 	<ul style="list-style-type: none"> Safety. Environmental impacts. Business stability. Potential pollution. Corporate taxes. Local employment. Education. Giving back to the community and supporting initiatives that benefit the standard of life.

Group	How We Engage	Common Topics of Importance
Trade Associations	<ul style="list-style-type: none"> Tenneco participates in AIAG and has a seat on its board of directors. We are also active within the Automotive Aftermarket Suppliers Association, the Motor and Equipment Manufacturers Association, the AutoCare Association and Women in Autocare, the Original Equipment Suppliers Association and the Manufacturers of Emissions Controls, European Automotive Suppliers Association. 	<ul style="list-style-type: none"> Support the automotive manufacturing industry. Address reputational risk.
Government and Regulatory Agencies	<ul style="list-style-type: none"> The Clean Air Division is currently working with the Environmental Protection Agency (EPA) on emissions reduction strategies. 	<ul style="list-style-type: none"> Reducing emissions and protecting public health and safety.



About this Report

This report covers our 2018 fiscal year: January 1, 2018 to December 31, 2018. Exceptions to data reported outside this period, as well as any other exceptions, are noted within the report. The information in this report includes Tenneco Inc. and Federal-Mogul LLC., unless otherwise stated.

This report has been prepared in accordance with the Global Reporting Initiative (GRI) Standards: Core option. The content of this report was developed using the GRI's "principles for defining report content": materiality, completeness, stakeholder inclusiveness and sustainability context. Our use of the materiality principle encompassed internal stakeholder priorities.

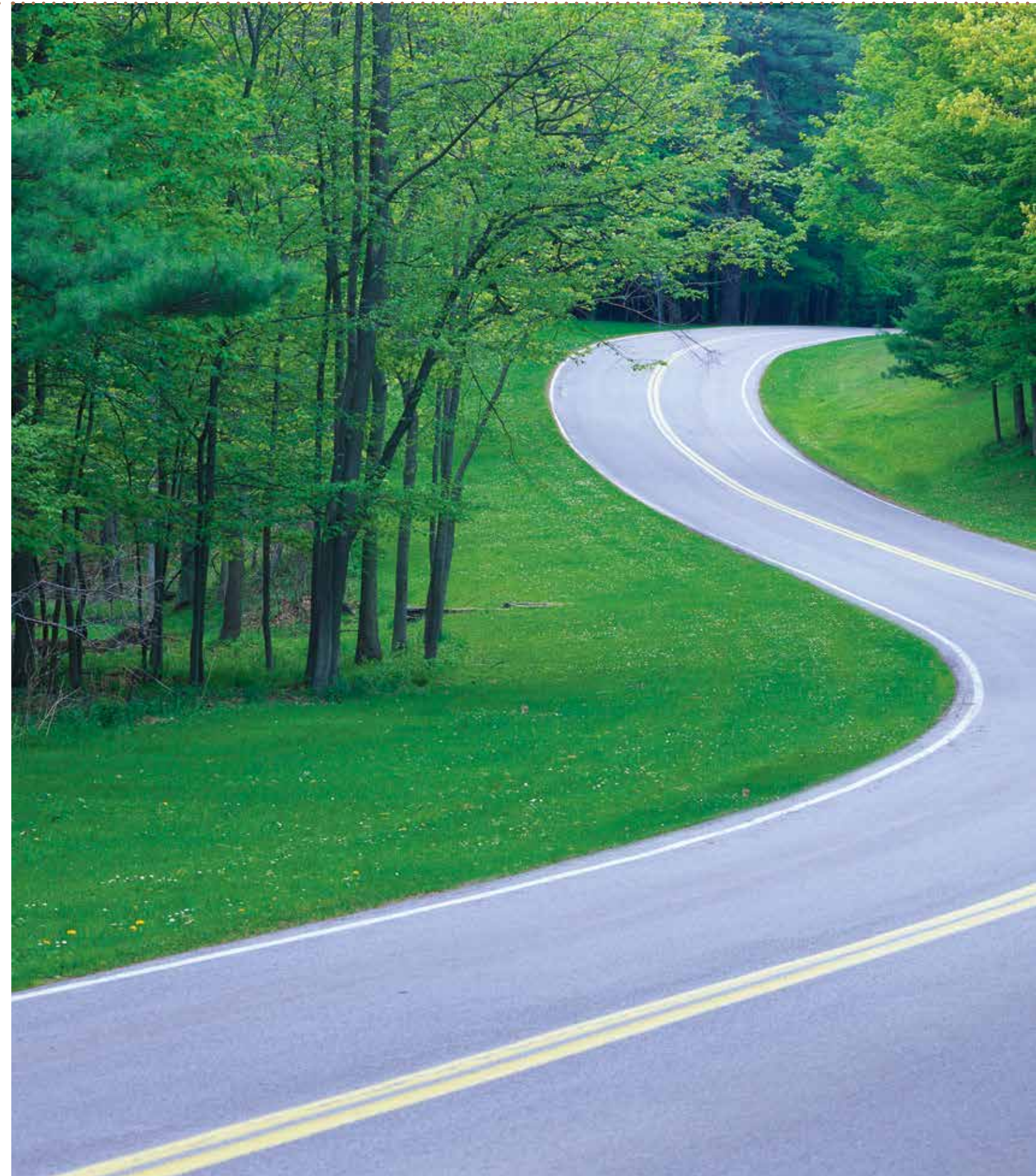
To determine content for this report, we reviewed our environmental, social, and governance (ESG) priorities as set forth by Senior Leadership and relevant stakeholders, to ensure we stay focused on topics that are most important to our stakeholder and to our business continuity and success. Although we did not undertake a formal materiality assessment in this reporting year, we evaluated ESG topics with our sustainability team and Senior Leadership through internal survey feedback, cross-function workshops and interviews, and data review and validation by subject matter experts.

We do not currently seek independent assurance of report data; we qualitatively review and assess the accuracy of our sustainability documentation and tracking efforts to ensure accuracy and completeness of reported information.

Federal-Mogul's most recent sustainability report was published November 2018. This is Tenneco's first Corporate Social Responsibility Report.

Additional information about our company and financial statements is available in our Annual Report on Form 10-K and subsequent quarterly reports on Form 10-Q and other filings with the United States Securities and Exchange Commission.

We welcome your comments and feedback at Sustainability@tenneco.com.



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Occupational Health and Safety			
403-1	Occupational health and safety management system	Health and Safety; Safety Education	14-17
403-2	Hazard identification, risk assessment, and incident investigation for employees and for workers who are not employees but whose work and/or workplace is controlled by the organization	Health and Safety; Safety Education	14-17
403-4	Worker participation, consultation, and communication on occupational health and safety for employees and for workers who are not employees but whose work and/or workplace is controlled by the organization	Health and Safety; Safety Education	14-17
403-5	Worker training on occupational health and safety for employees and for workers who are not employees but whose work and/or workplace is controlled by the organization	Health and Safety; Safety Education	14-17; 21
403-8	Workers covered by an occupational health and safety management system	Health and Safety; Safety Education	14-17
403-9	Work-related injuries	2018-At-a-Glance; Safety Education	8; 17
Training and Education			
404-1	Average hours of training per year per employee	Talent Management; Core Development Programs	19-20
404-2	Programs for upgrading employee skills and transition assistance programs	Talent Management; Core Development Programs	19-20
404-3	Percentage of employees receiving regular performance and career development reviews	Performance Reviews	22
Non-discrimination			
406-1	Incidents of discrimination and corrective actions taken	Ethical Business	In 2018, we had no confirmed incidents of discrimination in EEOC or state fair employment practices agency matters.

GRI Std.	Disclosure Title	Section	Page
Freedom of Association and Collective Bargaining			
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Ethical Business; Responsible Sourcing	28; 46
Child Labor			
408-1	Operations and suppliers at significant risk for incidents of child labor	Responsible Sourcing	46-47
Forced or Compulsory Labor			
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Responsible Sourcing	46-47
Human Rights Assessment			
412-1	Operations that have been subject to human rights reviews or impact assessments	Ethical Business	28
412-2	Employee training on human rights policies or procedures	Ethical Business	28
Local Communities			
413-1	Operations with local community engagement, impact assessments, and development programs	Community Involvement	25
Supplier Social Assessment			
414-1	New suppliers that were screened using social criteria	Responsible Sourcing	46-47
Marketing and Labeling			
417-2	Incidents of non-compliance concerning product and service information and labeling	Product Innovation	In 2018 and at the time of this report, no incidents or fines regarding non-compliance concerning product and service information and labeling were reported.
Customer Privacy			
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Cybersecurity	29

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