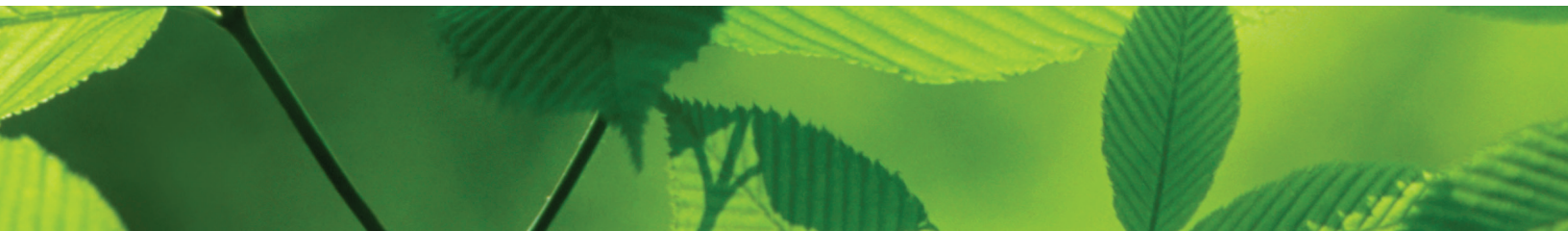




2015 Sustainability Report

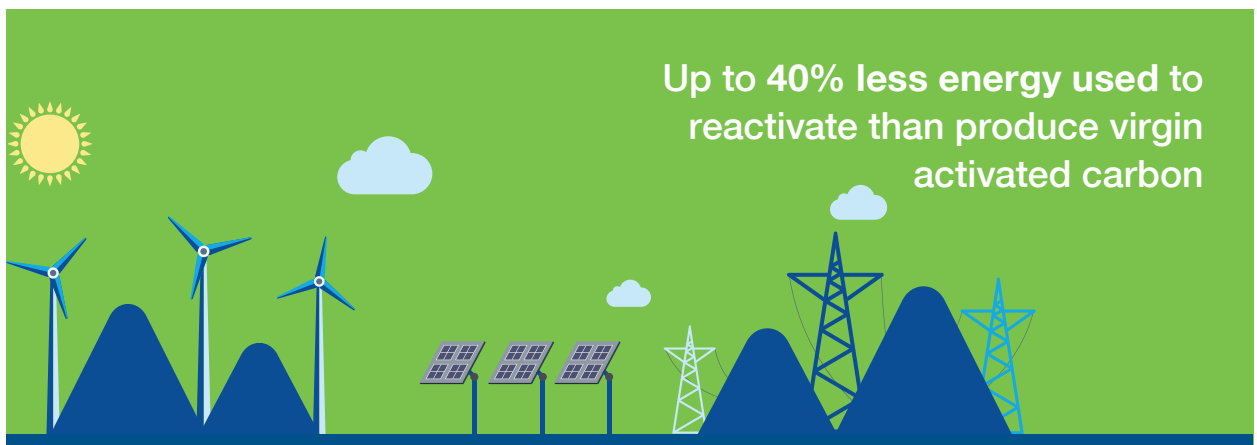
Pure Water. Clean Air. Better World.



Up to 98% less water used to
reactivate than produce virgin
activated carbon



Up to 40% less energy used to
reactivate than produce virgin
activated carbon



Up to 80% less greenhouse gas
emissions used to reactivate than
produce virgin activated carbon



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OVERVIEW & HIGHLIGHTS

Chairman, President & CEO Message and 2015 Highlights

To Our Stakeholders:



From its genesis, Calgon Carbon has created advanced products that remove harmful toxins from air and water. While our products - on their own - contribute to a better and healthier environment, we also put effort into operating our company in the most responsible way possible. Three years ago, we made a commitment to tracking and sharing our efforts, and our impact on our environmental, social, and economic influence. I am proud to introduce our third Sustainability Report, which chronicles our progress toward this commitment and reports our initiatives and performance in regards to those focus areas. By tracking our sustainability data, we easily and effectively manage our efforts as we move forward. I can say confidentially that we took our sustainability progress to a new level in 2015.

COMMITMENT

The year started with a move to the new corporate headquarters and Innovation Center in January. The new building, which is expected to be LEED certified and features solar energy, reflects Calgon Carbon's dedication to sustainability at the highest level. The move reduced our physical footprint by 21,000 square feet and also decreased our energy demand by 27% in the first year. In addition to being energy efficient, it features a living vegetation roof, sensed lighting throughout, and provides access to local trails and locker room facilities for employees. Each floor dons a collaborative atmosphere to facilitate productive interactions between departments and business units, and each employee underwent ergonomics training to ensure their workstation met their needs. Safety was a priority throughout the move with additional newsletters and programs geared specifically towards keeping employees safe during the transition. I am extremely happy to report that there were no injuries recorded during any of the various moving phases to the new headquarters or Innovation Center.

SAFETY

Above and beyond the move to a new headquarters, safety remained a priority in 2015 as we enacted new programs and initiatives to improve our performance. We saw improvements in recordable injuries throughout both the Americas and Asia. The advancements are attributed to:

- ▶ **TRAINING:** A focus on behavior based safety and personal training through a global program called SafeStart®;
- ▶ **COMMUNICATION:** Weekly safety newsletters issued globally, safety videos and creative messaging, the formation of an executive safety committee and a safety award program.

Unfortunately, we did not see an improvement in safety performance in our European operations. We are taking steps in 2016 which we believe will provide the support necessary to positively impact their safety performance.

ENVIRONMENTAL MANAGEMENT

For our U.S. operations, we expect to achieve certification to RC14001®, a formalized environmental, health, safety and security management system established by the American Chemistry Council. This system will drive our continuous improvement efforts in several areas, not just our environmental performance. We see this initiative as integral to the continued success of our operations and complementary to our sustainability efforts and several of our facilities have established objectives and targets with respect to their individual environmental management system. We are working to understand and leverage those objectives and targets to evaluate how to then best establish corporate wide environmental objectives.

ENVIRONMENTAL PERFORMANCE

We continue to tout the environmental benefits of reactivation – the process of recycling spent or used carbon – and converted an additional 22 municipal customers to custom reactivation in 2015. This process has shown to have a lesser impact on the environment because reactivation uses less energy, water, and produces less greenhouse gas emissions than virgin activated carbon. So, while growing our business and increasing our virgin and reactivated carbon production, we are also improving our energy efficiency and reducing our water usage and greenhouse gas emissions.

In 2015 we forged ahead with our sustainability efforts and I know, with certainty, that we have made huge strides. We track our sustainability performance and enact programs and initiatives that foster continuous improvement in our efforts to enhance the workplace, protect the environment, promote product stewardship, and support our local communities. We will continue to place top priority on these initiatives and reporting our progress. These efforts, as always, require the dedication of our employees, who consistently go above and beyond to shape the future of our company.

I thank you for taking the time to read our 2015 Sustainability Report, and look forward to continuing our widespread efforts to bring you updates on our growth and performance in years to come. I encourage your feedback and welcome comments and suggestions.

Sincerely,



Randall S Dearth
Chairman, President & Chief Executive Officer
Calgon Carbon Corporation



ABOUT THE REPORT

The 2015 Sustainability Report for Calgon Carbon Corporation provides an update to our sustainability program and progress with respect to our key focus areas - our employees, products, environmental performance and community efforts. This report also contains general information including company background, structure and governance policies.

Calgon Carbon has embarked on a journey to improve our environmental, social and economic impact. As a reflection of our commitment, we maintain the following mission statement articulating our approach:

“At Calgon Carbon, we provide purification products and solutions to our customers. We do this by managing our Company in an economically, environmentally and socially responsible manner in order to protect the interests of the current and future global community.”

In support of our mission, we recognize common challenges and how we fit within the global community. As a result, our efforts will focus on the following key areas:

- Environmental Stewardship
- Enhancing Our Workplace
- Community Support
- Product Stewardship

This report explains our approach to managing our business with regard to our key focus areas, and includes information for various performance indicators and metrics using the Global Reporting Index (GRI) G4 reporting framework and guidelines. Key performance indicators were selected based on a review of the overall GRI Indicator list, and includes those that are material to Calgon Carbon's operations. To develop this report, we have focused on indicators related to employment, safety, society and the environment.

A variety of systems were developed and utilized to ensure our indicator data are consistent and accurate. These systems include, but are not limited to, the sustainability reporting database, safety incident reporting database and energy efficiency and greenhouse gas emissions calculation systems and surveys. Data are determined via direct measurement

where available or otherwise estimated. Data quality and accuracy were evaluated through internal processes and standards.

The 2015 Sustainability Report marks our third report of this kind. With the intent to publish annually, our report provides our stakeholders - shareholders, employees, customers, suppliers, communities, regulators and officials, trade associates and non-governmental organizations - with information explaining our approach to managing our business and highlights of our current and future efforts.

If you have any questions concerning this report, please contact:

Abby Rubright
EHS Program Leader, III
 Calgon Carbon Corporation
 Office: (412) 787-6700
 Email: Sustainability@calgoncarbon.com

DETERMINING REPORT CONTENT

Calgon Carbon has integrated sustainability at the corporate level. This involves consideration of benefits and impacts associated with (and specific to) the Company's overall activities. As a global leader in providing purification solutions, the Company creates positive impact by addressing the needs of our customers, developing purification solutions and providing meaningful work for our employees. We also recognize that our operations have effects related to the use of resources and associated environmental impacts.

We continue to evaluate the materiality of all aspects of our operations, and report on those that are material to our operations and our stakeholders.

SCOPE OF BOUNDARIES

The indicator data presented in this report focus on 15 company operations and facilities located in the United States, United Kingdom, Belgium, Japan and China. Facilities operating more than three months were included in the scope and boundary of this report. The locations reporting on sustainability performance in 2015 include the following:

U.S. Operations

- Big Sandy plant in Catlettsburg, Kentucky
- Pearl River plant in Pearlinton, Mississippi
- Columbus plant in Columbus, Ohio
- North Tonawanda plant in North Tonawanda, New York
- Gila Bend plant in Gila Bend, Arizona
- Neville Island plant in Pittsburgh, Pennsylvania
- Equipment and Assembly plant in Pittsburgh, Pennsylvania
- Engineered Solutions plant in Findlay Township, Pennsylvania

Selected indicator data for 2015 were also provided for our headquarters and research and development facility now located in Moon Township, Pennsylvania, as available.

European Operations (known as Chemviron Carbon)

- Feluy plant near Brussels, Belgium
- Grays plant near London, United Kingdom
- Ashton-in-Makerfield plant near Manchester, United Kingdom
- Houghton le-Spring plant near Newcastle, United Kingdom

Purchased for the reactivation of spent granular activated carbon, the Tipton plant in Tipton, United Kingdom was renovated in 2015. As the plant was not operational for more than 3 months in 2015, the facility did not report on its performance. We expect to include Tipton's performance and metrics in the next report.

Asian Operations

- Fukui plant in Fukui Prefecture, Japan
- Tianjin plant in Tianjin, China
- Suzhou plant in Suzhou, China

Tianjin operations were consolidated in 2015 to Suzhou, and the Tianjin facility was closed. Indicator data available for Tianjin operations are included in this report, where appropriate.

STAKEHOLDERS

Calgon Carbon interacts with many different groups in the areas of the world in which we operate. As a result, we consider a broad range of perspectives and viewpoints in developing our sustainability priorities. Active engagement with all of our stakeholders is a business imperative for the Company.

Our approach to stakeholder engagement at this time is a combination of formal and informal interaction. Formally, we maintain regular two-way communication with our investors via annual reports, quarterly company updates, sell-side conferences, conference calls and visits to Company facilities. Throughout the year, we also engage federal and state elected officials on topics relevant to our Company and its operations and host a variety of site visits for these officials. Interaction with government officials also occurs through our regulatory report filings.

Informally, Calgon Carbon engages other stakeholders including our employees, customers, suppliers and the media. A formalized and documented approach to stakeholder engagement and assessment was developed as part of our commitment to Responsible Care®. This allows interaction with all of our stakeholders and provides a means by which to evaluate the effectiveness of our communications.

AFFILIATIONS

The Company and its employees engage with many professional, industry and business organizations worldwide, covering a variety of geographic areas, markets and sustainability issues. By participating in these groups, we can expand our influence, help raise industry standards, share and learn best practices and advance discussions within our industry.

In 2015, Calgon Carbon maintained its membership with:

- Allegheny Conference on Economic Development
- American Chemistry Council
- American Water Works Association
- Department of Commerce - Environmental Technologies Trade Advisory Committee
- Department of Commerce - Western PA District Export Council
- Institute of Clean Air Companies
- Japan-American Society of Pittsburgh
- KY Association of Manufacturers
- MS Gulf Coast Business Council
- National Association of Manufacturers
- National Defense Industries Association
- NBC Industry Group
- Ohio Chemistry and Technology Council
- PA Chamber of Business and Industry
- Pittsburgh Technology Council
- Water Environmental Federation

- Water Reuse Association
- Water and Wastewater Equipment Manufacturers Association

This list represents the affiliations of our U.S. operations only.

SENTINEL

ULTRAVIOLET DRINKING WATER DISINFECTION SYSTEM

The Sentinel systems utilize ultraviolet technologies to disinfect municipal drinking water. The varying systems have the capabilities of treating anywhere from 0.3 to 40 million gallons of water per day. Using high-intensity, medium-pressure lamp technology, they are able to achieve greater than 4 log inactivation of *Cryptosporidium*, a dangerous organism that is highly resistant to conventional chlorine disinfection. All Sentinel systems have undergone third-party validation under the U.S. EPA LT2 Enhanced Surface Water Treatment Rule guidelines, which is aimed at reducing illness linked with *Cryptosporidium* and other disease-causing microorganisms in drinking water.

Our 25+ years of UV innovation started with the introduction of an advanced oxidation process to destroy toxic compounds in groundwater and expanded to the breakthrough discovery for low-dose inactivation of *Cryptosporidium*, which provided the potable water industry a cost-effective method to protect public health. Through innovative research and development, Calgon Carbon UV continues to evolve to meet the ever-increasing water disinfection needs of the public and private sectors.

COMPANY PROFILE

Calgon Carbon Corporation (NYSE:CCC) is a global leader in innovative solutions, high quality products and reliable services designed to protect human health and the environment from harmful contaminants in water and air. As a leading manufacturer of activated carbon, with broad capabilities in ultraviolet light disinfection, the Company provides purification solutions for drinking water, wastewater, pollution abatement and a variety of industrial and commercial manufacturing processes.

Calgon Carbon is the world's largest producer of granular activated carbon and supplies more than 100 types of activated carbon products – in granular, powdered, pelletized and cloth form – for more than 700 distinct applications. Headquartered near Pittsburgh, Pennsylvania, Calgon Carbon Corporation employs more than 1,100 people at 15 manufacturing, reactivation and equipment fabrication facilities in the U.S., Asia, and Europe, where Calgon Carbon is

known as Chemviron Carbon. The company also has more than 23 sales and service centers throughout the world.

For more information about Calgon Carbon's leading activated carbon and ultraviolet light technology solutions for municipalities and industries, visit www.calgoncarbon.com

GLOBAL PRESENCE



MISSION

The mission of Calgon Carbon is to develop and apply technologies to protect people and the environment from contaminants in water, air, food and industrial processes, while developing and maintaining a highly motivated workforce having a strong commitment to its customers, shareholders and society.

Calgon Carbon is a worldwide organization whose business is to meet customers' needs by providing high-quality, cost-effective products and services for purification, separation and concentration in the processing of liquids and gases.

In order to do this, the Company strives to:



CORE VALUES

Calgon Carbon is committed to building and maintaining an organization capable of meeting or exceeding our customers' requirements. This is achieved by operating in a manner which is true to our core values of:

- Integrity
- Respect for Others

- Customer Focus
- Organizational Discipline
- Accountability for Results
- Teamwork

ENVIRONMENTAL, HEALTH, SAFETY AND SECURITY POLICY

April 20th, 2016

Calgon Carbon Corporation will conduct its business worldwide with a commitment to safeguard people and the environment. Good environmental, health, safety and security performance as well as a commitment to the Guiding Principles of Responsible Care® is critical to the success of our business and is the responsibility of every Calgon Carbon employee.

In accordance with our policy, Calgon Carbon will:

- Strive to continuously improve and enhance our products, processes and performance in regards to environmental protection, including pollution prevention, product safety and stewardship, process safety and security.
- Conduct our business worldwide in full compliance with all applicable environmental, health, safety and security laws, regulations and other requirements and apply responsible standards where such laws or regulations do not exist.
- Perform our functions in a manner that protects the health and safety of our customers, employees, contractors and neighbors.

- Pursue our business in a way that achieves economic goals while simultaneously addressing safety, environmental and sustainability objectives and targets.
- Make environmental, health, safety and security concerns an integral part of our business planning, development and decision making.
- Provide leadership, professional staff, training, support and other resources necessary for the implementation of environmental, health, safety and security programs that are designed to ensure each individual's knowledge of their responsibilities.
- Communicate openly with our customers, employees, contractors, neighbors, appropriate officials and public interest groups regarding significant safety or environmental matters.

Each member of management responsible for an operation is in turn responsible for environmental, health, safety and security performance of that operation and the employees involved.



Randall S. Dearth
Chairman, President &
Chief Executive Officer



James A. Coccagno
Executive Vice President
Core Carbon & Services



Robert M. Fortwangler
Senior Vice President &
Chief Financial Officer



Stevan R. Schott
Executive Vice President
Advanced Materials, Manufacturing & Equipment



Chad Whalen
Senior Vice President,
General Counsel & Secretary

LEADERSHIP

The senior leadership team is comprised of highly-effective executives who are visionaries in the industry and support the employees in their efforts to continually create new technologies, expand service capabilities and create process improvements. The senior leadership team includes:

Randall S. Dearth	Chairman, President & Chief Executive Officer
James A. Coccagno	Executive Vice President, Core Carbon & Services
Stevan R. Schott	Executive Vice President, Advances Materials, Manufacturing & Equipment
Robert M. Fortwangler	Senior Vice President & Chief Financial Officer
Chad Whalen	Senior Vice President, General Counsel & Secretary

HISTORY & TIMELINE

When the United States entered World War II, coconut shells were the raw material used to produce granular activated carbon, the filtering agent in military gas masks. Faced with a shortage of this crucial material, the government asked Pittsburgh Coke and Chemical to develop a substitute from a native material. In 1942, Pittsburgh Coke and Chemical produced an activated carbon product using bituminous coal, and that was the beginning of Calgon Carbon.

Throughout its history, Calgon Carbon has been a pioneer in creating new activated carbon products, systems and services from the infancy stages to global commercialization. The Company currently offers a variety of carbon products used in a range of market applications from purifying air and drinking water, to purifying foods and pharmaceuticals, to separating gas and removing mercury emissions from coal-fired power plants. As a leader in the activated carbon industry and with ultraviolet light disinfection and oxidation expertise, the Company has originated cutting-edge purification systems for drinking water, wastewater, odor control,

pollution abatement and a variety of industrial and commercial manufacturing processes.

From the use of granular activated carbon (GAC) for taste and odor removal in the early 1960s, to the development of ultraviolet light technology for pathogen control in the late 1990s, to the application of ion exchange technology for removing perchlorates starting in the year 2000, we continue to be a pioneer in purification and separation solutions.

For more information and a complete timeline for Calgon Carbon, please visit:
www.calgoncarbon.com/about/history

ETHICS & COMPLIANCE PROGRAM

Our Ethics and Compliance Program is an integral part of our daily business operations to ensure that all employees around the world understand and are committed to complying with all applicable laws and company values. We strive to make certain that every business decision is guided by the same commitment to operate with high ethical standards and integrity. To facilitate this commitment to integrity we have a(n):

- Global, written Code of Business Conduct available in 7 languages
- Supplemental Code of Conduct for our CEO and senior finance employees
- Dedicated ethics helpline accessible from anywhere in the world at any time, and a strictly enforced “no retaliation policy” to promote reassurance in using the helpline
- Ethics office e-mail address to receive questions and complaints as well as web-enabled reporting
- Employee complaint procedure for accounting and auditing matters
- Code of Conduct training required of all employees, including senior management
- Annual ethics certification process that includes all senior management and officers

Annually, each salaried employee is required to read and certify compliance with our Employee Code of

Business Conduct and Ethics. The code contains our anti-corruption policy, and in 2015, 100% of our employees read and certified their compliance to the code and all policies contained within. Additional training on our anti-corruption policy is conducted annually to select departments, offices and employees. In 2015, 3.1% of employees in the Americas, 10% of those in Europe and 1% of those in Asia received additional training on our anti-corruption policies. Each year, our material agents and distributors are asked to certify their compliance with anti-corruption laws. In 2015, 100% of the Company's agents and distributors received communication on our anti-corruption policy.



FINANCIAL PERFORMANCE

Summary of 2015 Financial Performance

During 2015, Calgon Carbon put the finishing touches on a transformation that provides us with the stability, strength and resources needed to execute on our long-term growth strategies. As the year unfolded, however, the Company was faced with a number of challenges that immediately put the resiliency of our transformed business platform to the test.

These challenges included a stronger U.S. dollar, a slowing in global economic growth, an elongation of the time between activated carbon reactivation and exchange services required by certain municipal water market customers, and the continued regulatory delay of ballast water management regulation. While the Company experienced a significant increase in sales to North American coal-fired power plants for the removal of mercury from flue gas emissions as a result of the Mercury and Air Toxics Standards that went into effect early in the year, the impact of the aforementioned challenges combined to result in total sales that declined to \$535.0 million in 2015 from \$555.1 million in 2014.

Despite the overall reduction in sales, our gross margin before depreciation and amortization (pre-D&A gross margin) was essentially unchanged at \$191.5 million in 2015 versus \$192.1 million in 2014. And as a percentage of sales, our pre-D&A gross margin increased 1.2 percentage points to 35.8% compared to 34.6% in the previous year. This represents our third consecutive annual improvement and a cumulative 5.6 percentage point expansion of our pre-D&A gross margin from 30.2% in 2012, due in large part to our transformed business model – including our aggressive and ongoing \$50 million cost improvement program.

Operating income declined to \$64.8 million in 2015 compared to \$74.6 million in the year prior, reflecting higher incremental depreciation and general and administrative costs, including those related to our activities to complete the launch of our upgraded global SAP system.

As a result, our net income for 2015 was \$43.5 million, or \$0.82 per fully diluted share, compared to net income of \$49.4 million, or \$0.92 per fully diluted share in 2014.

Financial Highlights	2015	2014	2013	2012
(Dollars in thousands except per share data)				
Net Sales	\$535,004	\$555,103	\$547,939	\$562,255
Gross Margin %*	35.8%	34.6%	33.0%	30.2%
Operating Expense %	17.1%	15.7%	15.1%	16.6%
Income from Operations	\$64,794	\$74,605	\$68,889	\$39,861
Net Income	\$43,463	\$49,370	\$45,713	\$23,272
Net Income Per Common Share (Diluted)	\$0.82	\$0.92	\$0.84	\$0.41
EBITDA%**	18.6%	18.6%	17.6%	11.3%

1. * Net sales less the cost of products sold as a percentage of sales (excluding depreciation and amortization).

2. ** Earnings before interest, taxes, depreciation, and amortization as a percentage of sales.

ENHANCING OUR WORKPLACE

The success of our business and operations is attributed to the technical skill, creativity and dedication of our employees across the corporation. It is our responsibility to provide a safe and engaging work environment for all employees, regardless of their global location. We pledge to enhance our workplace through initiatives and programs designed to engage our employees while providing a safe environment to succeed.

Efforts include developing and enacting policies, programs, opportunities and activities best suited for employees and operations, as well as reporting on meaningful metrics. Current policies reflecting our commitment to providing a safe workplace include our Environmental, Health, Safety and Security Policy and our Code of Business Conduct and Ethics.

Diversity and Equal Opportunity, Employment and Occupational Health and Safety are our material aspects in this key focus area. We continually monitor and evaluate our programs and policies, and what we can do to improve upon them. Routine evaluation is necessary for continuous improvement, and provides a basis on which to improve.

We focus on workplace safety and our employees as expanded upon in the following sections.



OUR SAFETY



Safety is our first priority because our workforce is our most valuable asset. This statement serves as the driving force behind our constant efforts to improve safety and security at all of our facilities. We are committed at all levels of our operation to protect the health and lives of the people involved with our business.

Every day is an opportunity to improve safety. Our level of expectation regarding safety at Calgon Carbon is reiterated through the actions of our executive management team and our policies and procedures. As described in our Code of Business Conduct and Ethics, to which all employees subscribe upon employment, working safely is a condition of employment.

We believe all accidents are preventable, and that an accident free workplace is obtainable. We strive for continual improvement in our safety performance and communicate our progress openly with both internal and external stakeholders.

Embedding safety into daily behaviors and conversations is essential to maintaining safety as a top priority. Employees must embrace and share the same ideals of preventing incidents, injuries or harm. This engaged approach requires all employees, regardless of their position in the organization, to be

involved in our safety programs and improves our safety culture.

Our Calgon Carbon Safety Standards are a comprehensive set of safety standards, and in many cases, exceed OSHA regulations. Regardless of location, all of our facilities must comply with or exceed these standards while complying with all other applicable regional or jurisdictional standards. This global approach and standardization stresses the priority we place on safety in the workplace, and encourages the development of a worldwide culture around the topic, not just a protocol. In addition, all operations follow the corporate incident notification policy as a system of rules and reporting. Incidents, including near misses, are reported through a company-wide incident investigation/reporting database. Internal safety and audit compliance checks are regularly performed and recorded as well.

With regard to contractor safety, we track and record incidents involving contractors working on site. Incidents involving our contractors are recorded through our corporate incident database; however, we do not follow a formalized process for reporting these contractor incidents.

We remain steadfastly committed to ensuring the safety of our employees and the workplace, and this is evident in our current efforts and programs.

COMMUNICATIONS & AWARENESS

The foundation of a great safety program starts with a culture of safety awareness, and we accomplish this by maintaining open avenues of communication at every level in the organization.

The Executive Safety Committee, which consists of the CEO and senior leadership, meets monthly to review the safety performance of the corporation and advise on improvement opportunities. One such identified opportunity resulted in an initiative to evaluate the process safety risks of our operation. Following the evaluations, work groups were established to develop process safety improvements where necessary.

Safety performance and program efforts are discussed as the first agenda item at meetings, including at corporate Townhall Meetings, which are broadcast live across the organization so sites and employees can participate. In addition, weekly safety newsletters are prepared and distributed to all Calgon Carbon employees globally. Newsletters highlight a variety of topics relevant to our employees, operations, and business, including topics relevant to personal safety outside of the workplace. Topics addressed in 2015 included our safety performance and metrics, summaries of behavior based observation trends, best practices, safety accomplishments and recognition and seasonal personal safety tips.

BEHAVIOR BASED SAFETY

The Behavior Based Safety Program represents a global, standardized behavior based safety system that encourages safe behaviors and positive feedback, and engages all levels of employees through observations and reporting. While the program requires participation on the individual level, it includes senior leadership to set the example for vigilance and participation.

Program growth continued in 2015. While 24% of our employees submitted behavior observations in 2014, 33% of employees submitted observations in 2015. The number of observations submitted also increased when compared with 2014 – by 53%. This is a direct reflection of the priority we place on safe behaviors and utilizing this process.

Observations metrics derived from the program are evaluated for safe and at risk behaviors through five categories: behaviors observed, personal protective equipment, tools and equipment, procedures and housekeeping. Those identified as at risk are reviewed from the corporate and site level to track trends and identify improvement opportunities.

We place a continued emphasis on increasing employee participation in the program. One of the corporate safety goals for 2016 requires all employees* to choose between completing and recording at least 4 observations or at least 4 near miss reports (* Operating Committee members have specific requirements described in the Leadership Safety Team objectives).

We believe the success of this program is reflected in our improved safety performance in 2015, and will continue to emphasize the program to provide the feedback necessary to encourage safe behaviors.

SAFESTART® TRAINING

SafeStart® is a program and process for developing personal safety skills critical to a safe working environment. It focuses on creating a mindset that allows people to identify states of mind that lead to critical errors and injuries. Critical error reduction techniques and skills learned in the program will assist the Company with encouraging personal responsibility, and providing motivation for safety awareness. The safety skills learned through the program are relevant to each and every employee, regardless of their job function and are also relevant and applicable outside of work.

We employ the SafeStart® program to improve our safety performance and reduce incidents caused by unsafe behaviors. All employees are required to complete the SafeStart® training, with new employees receiving introductory training until attending the first session. In 2015, we implemented and completed the

first 5 sessions of the SafeStart® training in the U.S. and Europe, and prepared to launch the program in Asia in 2016. Certified internal trainers are instrumental in delivering the training sessions, and keep employees engaged and focused on the concepts learned through the program. Each site has a SafeStart® Steering Committee to promote the program concepts in interesting and meaningful ways that meet the needs of the employee base.

To improve the effectiveness of the program, we integrated SafeStart® concepts into our Behavior Based Safety Program and our incident investigation and reporting. When completing an observation or incident report, we have the ability to identify which states of mind were involved, evaluate the error made, and determine which critical error reduction techniques were or could have been practiced. We utilize the weekly safety newsletters to share SafeStart® stories and provide employees examples of how to apply SafeStart® concepts at work, and at home to re-iterate the importance of practicing safe behaviors at all times.

The program is scheduled to continue in 2016, with internal trainers delivering two extended application units. Sites also maintain a training schedule for new employees to ensure every employee receives full program training.



Executive Vice President Steve Schott, Scott Delong, Tim Duckwall, Freda Maddix, Tiburcio Chapa, Tony White, Chris Harford, Rick Messmer, and Erdem Muharrem posing with the 2015 CEO's Distinction Award trophy in Columbus.

SAFETY AWARD PROGRAM

As part of our commitment to providing a safe working environment, we strive for continual progress toward our goal of zero incidents, injuries, or harm while communicating our progress toward the goal. We recognize and reward locations assisting with this goal through our Safety Award Program. In 2015, we added a level, and applied a 3 tiered approach to rewarding safety performance at Calgon Carbon: the CEO's Achievement Award, CEO's Distinction Award and the CEO's Most Improved Award. The award categories each rely on leading and lagging safety metrics.

The CEO's Achievement Award recognizes each Calgon Carbon Corporation owned and operated location that demonstrates outstanding safety performance, and the CEO's Distinction Award is a competitive award, recognizing the manufacturing or reactivation site in each region with the best safety performance. The CEO's Most Improved Award is awarded to the site with the greatest improvement in its total recordable incident rate over a set timeframe.

Last year, 9 of our facilities earned the CEO's Achievement Award, with more than 450 employees receiving awards across the organization.



Reinier Keijzer, Vice President, Europe, presents Cloth Division Employees the 2015 CEO's Distinction Award, from left to right: David Edwards, Kevin McCabe, Jacquelin Andrews, David Tindale, Dan Lowe, Jayne Purvis, Martin Towns, Norman Snaith, Jim Bowman, Stephen Milner, John Briggs, Stephen Bilton, Dean Sleight, Jeff Waugh, Ken Smith, Sandra Turner, Reinier Keijzer, Wayne Lavocah, Lee Scrimger, Paul Curtis, Bill Wandless, and Bob Brown.

The CEO's Distinction Award was only achieved by facilities in the United States and Europe in 2015. For their performance in 2015, our Columbus, Ohio, and Durham, UK (Cloth Division) plants were awarded the 2015 CEO's Distinction Award.

ACCOMPLISHED SAFETY GOALS

In 2015, for the second year in a row, we achieved our goal of 85% compliance with our Calgon Carbon Safety Standards. With 12 main elements, and over 700 safety requirements, these standards provide a comprehensive blueprint for our safety program and act as an auditing tool to measure program effectiveness. These standards ensure compliance with applicable regulations and laws, and extend beyond compliance as a depiction of our commitment to safeguarding people and the environment. To remain current and focus on continuous improvement, we have an objective to revise these standards in 2016.

INDICATOR DATA LA5 & LA6

All sites are responsible for ensuring employee participation in safety programs and processes as required in the Calgon Carbon Safety Standards, RC14001® management system and the Process Safety Code where relevant and applicable.

LA5: Percent of Total Workforce Represented in Formal Joint Management-Worker Health and Safety Committees That Help Monitor and Advise on Occupational Health and Safety Programs.

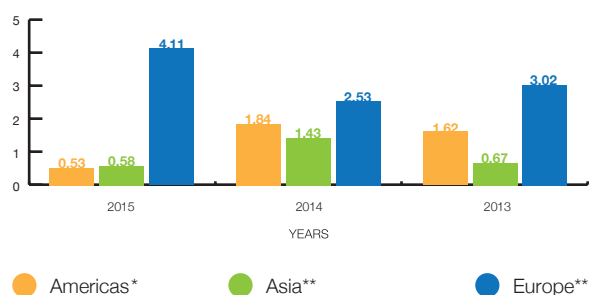


We attribute our improved incident rates in the Americas and in Asia to our increased focus on safe behaviors, most notably through the Behavior Based Safety Program and the SafeStart® training program. We also attribute the improvement to our increasing safety awareness and communications throughout the organization, sharing best practices and recognizing

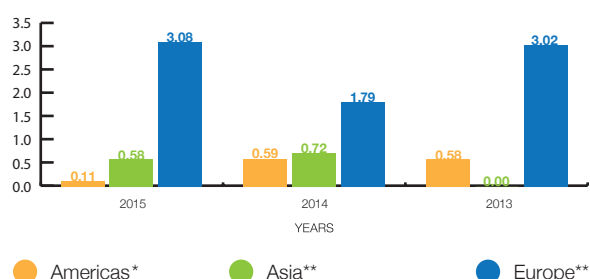
individual safety improvements. Efforts focused on improving the safety performance of our European operations include continued emphasis on the SafeStart® training program, establishment of an EU executive safety committee and the addition of a safety professional at the Feluy facility, the largest of our operations in the EU.

LA6: Type of Injury and Rates of Injury, Reported by Region

OSHA Recordable Incident Rate



Lost Time Incident Rate



1. *Americas: Per the Corporate Incident Notification Policy, all incidents including near misses are to be reported immediately to the supervisor.
2. ** Europe and Asia: Injury rate does not reflect minor injuries; it only includes incidents considered recordable under U.S. OSHA record-keeping regulations.

OUR EMPLOYEES

Our ability to provide air and water purification services, solutions and technologies depends on our skilled and dedicated employees. In recognition of this fact, we strive to offer programs and activities that enable employees to achieve their fullest potential.

We devote the time to evaluate and determine what activities and programs are best suited to inspire and support our employees. In 2015, we evaluated our workforce according to gender and age group, reported our employee retention and did so consistently across our global locations.

We have a diverse workforce comprised of employees in international locales. Supporting our global workforce requires providing a balance of local and corporate programs. Programs and opportunities designed for our employees include recognition and wellness programs, educational support and training. We continue to provide structured performance management and appraisals and special programs and career development as needed.

EMPLOYEE PERFORMANCE & RECOGNITION

Employee performance appraisals and goal setting are handled through a formalized process utilizing a Performance Management System. In accordance with our emphasis on safety, every employee in our Company is required to include a safety element in their Performance Appraisal Plan or is held accountable to a safety score card at their facility. This is one of our management approaches to ensuring safety is a common goal across our organization.

Exceptional performance in the U.S is rewarded via the Applause Recognition Program, which provides immediate feedback and recognition of employee contributions. To receive an award, an employee is rewarded based on his/her individual contribution beyond his/her daily duties, while performing at a superior level. Eight defined criteria are used to assess employee contributions, focusing on safety and the environment, customer satisfaction and productivity. Last year, 29% of those individuals recognized through the program were selected for their contributions to safety – specifically for identifying safety concerns and creating a procedural change to rectify the concern or eliminate the concern entirely.

WELLNESS PROGRAMS

Employee health and morale is essential to our operations and growth, and we endorse wellness committees to promote the physical and mental well being of our employees. We encourage facility-based programs designed to benefit the local employee base. Our various facilities have programs that are tailored to the needs each wellness committee deems fit and that employees express interest in.

Corporate Wellness Program

Our corporate-based wellness committee works to bring several activities to employees in the Pittsburgh region. Activities organized by the committee include free health screenings, health fairs, immunization clinics, heart screenings and fitness challenges. The annual health fair gives employees an opportunity to explore more options for healthy living and the annual challenge promotes maximum participation and offers awards for reaching various milestones.

Unique to 2015, the corporate wellness committee coordinated efforts to promote employee physical and mental well being during significant events and projects.

During the relocation of the corporate headquarters, the committee:

- Arranged for free chair massages,
- Delivered daily fruit and healthy snack baskets to each floor,
- Engaged all employees in friendly games of Bingo where numbers were drawn each day and
- Initiated a March Madness progressive luncheon to familiarize employees with the different areas of the new building.

Based on employee surveys and feedback following the move, the committee continues to provide employees with fresh fruit and healthy snacks weekly.

To further familiarize employees with the new headquarters location, and to encourage a daily 15 minute walk, the committee mapped the perimeter of the building grounds and promoted the use of a nearby path which connects to a public trail system.

During the launch of our SAP System upgrades in 2015, the committee continued to encourage employees to take a 15 minute walk each day. This allows employees to increase their activity, and enjoy

a mental and physical break in the workday. Recognizing the positive impact this has on our employees and their health, our CEO continues to endorse this longstanding tradition. In addition, the committee also made and served fresh smoothies for a healthy break during the day.

Pittsburgh area employees formed a softball team, the Calgon Carbon Crushers, in 2015 to compete in a local league. Comprised of 30 employees, the team encourages employees to participate, regardless of skill level, as a way to promote wellness. The team finished second in their division, with a season record of 18 wins and 18 losses and is excited for the 2016 season.

Columbus Wellness Program

The Calgon Carbon Columbus facility is in its fourth and final year of its program. With state based funding, the program is administered by an outside vendor and includes a multitude of wellness-based services including a monthly newsletter with tips on exercising and healthy recipes, annual biometric screening and employee health risk assessments.



EDUCATIONAL SUPPORT AND TRAINING

Employees wishing to further their education may seek assistance through educational grants. Employees of our Asian and American operations enrolling in certificate or degreed programs are eligible to apply for these educational grants. In 2015, 11 employees in the United States received educational assistance grants.

An online learning and management system is used to inform and educate employees on a variety of general and specific topics. The system allows employees ready access to information and training on topics including, but not limited to, corporate policies, safety, management, leadership, IT applications and activated carbon and other product and service tutorials.

ADDITIONAL BENEFITS AND DEVELOPMENTAL OPPORTUNITIES

The leadership development program was fully implemented in 2015 with the ultimate objective of cultivating the leadership potential for the Company's continued success. The program consists of executive and management level development centers where nominated and approved participants are observed by current Calgon Carbon leadership during real life business simulations. Two development centers for each level were completed during the year, with observers providing feedback to participants on their performance. As a result, an 18 month, personalized developmental action plan is created to enhance and strengthen the participant's leadership skills.

In addition to the action plan, a 360° feedback survey was designed for participants in the leadership development program and launched at the end of 2015 to capture peer and supervisor feedback. Participants are also able to self assess through the survey. Survey results are compiled for anonymity and only viewed by the consultant, the participant and the supervisor. Results are not used in the Performance Appraisal System or process, but are utilized in creating action plans.

Employees also have access to an Employee Assistance Program (EAP), a free program for employees and their household members that offers assistance for a variety of issues including but not limited to family, alcohol, drugs, emotions,

stress, legal or financial questions. EAP services include informational materials, counseling, phone consultations and advice on approaches or resources to further assist with the issue. While those utilizing the program remain completely anonymous, we are able to track the types of issues reported. With this information, we can evaluate how to adjust internal programs and benefits to better serve the health and well being of our employees and their households. As the EAP was launched in late 2014, there is not enough data yet to support any specific changes. However, we are formalizing several alternative work schedule policies such as part time, flexible work arrangements and compressed work schedules.

INDICATOR DATA LA12 AND VOLUNTARY RETENTION RATE

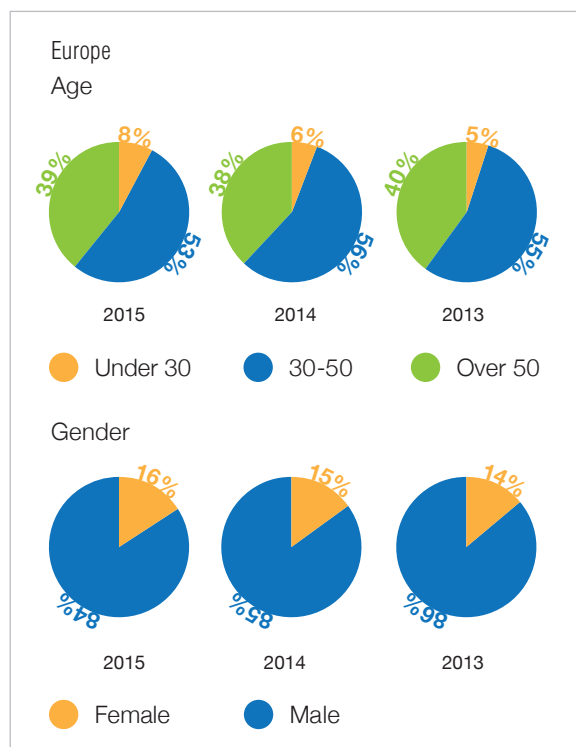
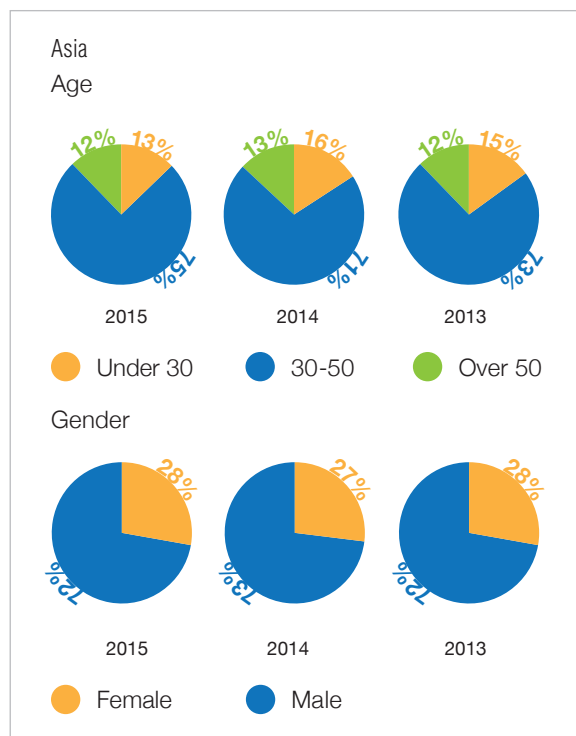
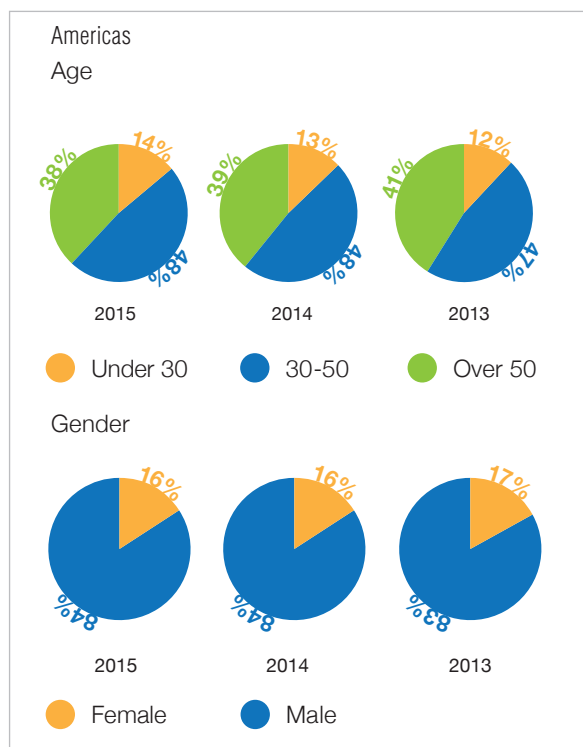
LA12: Composition of Governance Bodies and Breakdown of Employees per Employee Category According to Gender, Age Group, Minority Group Membership and Other Indicators of Diversity.

Governance Bodies

In 2015, Calgon Carbon was governed by a Board of Directors, which included the President and CEO who also serves as Chairman, and eight outside members. Recognizing that a governing body encompasses those with final decision making authority, four additional executive officers and one regional Vice President are also considered members of the governing body at Calgon Carbon. As defined at Calgon Carbon, in 2015 the governing body was made up of 7% females, and 29% of the governing body members are between the ages of 30-50, with the remaining members over 50.

Employee Breakdown by Category

Calgon Carbon did not see a significant change in the make-up of personnel in 2015.



Annual Voluntary Retention Rate

Rates of employee turnover are a key metric within Calgon Carbon and material to our day-to-day operations. With voluntary and involuntary terminations formally defined, data is collected and presented. We actively report on annual voluntary retention for the corporation as a whole. The metric measures the percentage of employees still employed by the Company over a defined period of time. We compare this metric against industry standards and continue to track our voluntary and involuntary terminations.

	2015	2014
Annual Voluntary Retention Rate	95%	93%

ENVIRONMENTAL STEWARDSHIP

Calgon Carbon's purification solutions, services, and technologies provide a direct environmental benefit to the global community by helping customers.



Provide clean, safe drinking water



Convert wastewater to potable water



Remediate contaminated soils and water



Treat wastewater



Prevent the transportation of invasive species



Reduce mercury emissions in flue gas streams



Capture toxic air pollutants from industrial and remedial processes



Protect individuals from toxic gases

It is our mission to support the positive environmental impact of our customers. In order to do this, we are obligated to responsibly manage our own environmental performance and impacts. We further solidify this mission with our commitment to safeguarding people and the environment, outlined in our corporate Environmental, Health, Safety and Security Policy.

While implementing a comprehensive environmental, health, safety and security management system, RC14001®, in our U.S. operations, several of our Chemviron Carbon facilities and our Suzhou facility in China operate under similar, yet separate environmental management systems. Each facility is responsible for attaining specific environmental objectives and targets. A common focus, as a reflection of our commitment to the environment, includes objectives and targets for reducing energy consumption, water usage and waste generation. Similar environmental objectives and targets were in development at the close of 2015 for our U.S. operations.

Responsible and efficient management of our environmental performance is accomplished by monitoring our progress, tracking the impact of capital and facility projects and then identifying ways to improve and develop our processes. In 2015, we continued to evaluate the material aspects on which we have significant impacts: waste, water, energy and emissions and materials.

Information regarding our performance and metrics relative to our core areas of waste, water, energy and emissions and materials provide further insight on our management approach and progress.

WASTE

As a part of our sustainable business strategy, Calgon Carbon maintains a steadfast focus on responsible waste management. We see ourselves as leaders in recycling and reuse practices, and consider the disposal of solid waste into landfills as the least desirable option for a company practicing responsible waste management.

Calgon Carbon strives to illustrate this practice both in our efforts to assist customers through reactivation of their spent activated carbon, and in our own efforts to find beneficial uses for wastes generated in our operations.

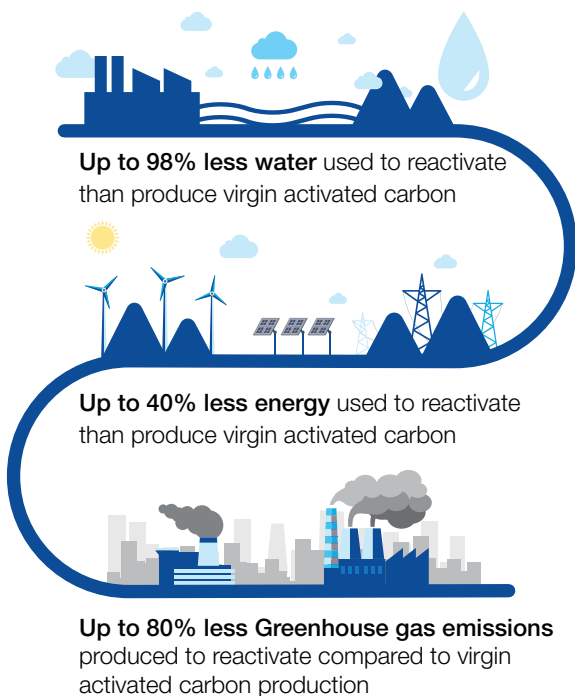
To accomplish this, we monitor the amount and type of waste generated by our organization, while continuing to proactively promote our reactivation processes to our customers.

REACTIVATION IS RECYCLING

We realize the direct benefits of recycling every day through our thermal reactivation process, which is a method of recycling. After the adsorptive capacity of activated carbon has been exhausted, it can be returned to Calgon Carbon for thermal reactivation. With high temperature reactivation followed by off-gas treatment, the adsorbed organic compounds are destroyed. Reactivated carbon can then be safely and cost-effectively recycled back to customers, for continued use in their purification applications.

The reactivation process not only reduces the impact that our organization has on the environment, but it affords our customers with an opportunity to reduce their environmental footprint and further their sustainability efforts.

Sustainable Impact of Reactivation



We adhere to a strict process for evaluating spent activated carbon returning for reactivation, ensuring it meets requirements for safety/toxicity, regulatory compliance, protection of personnel and equipment and quality of the reactivated carbon product. Only after the spent carbon is reviewed and approved through this rigorous process will it be accepted at one of our reactivation facilities.

As part of our drive for reactivation and our approach to customer satisfaction, we maintain an open dialogue with our customers to communicate the added benefit of reactivation.



GENERATED WASTE

Last year, as a corporation we decreased our total hazardous waste disposal, while at the same time increased the percentage of hazardous waste beneficially disposed compared to baseline data.

Since 2013, we have seen our total non-hazardous waste disposal increase significantly. The increase continued through 2015 because of certain waste disposal activities at our Big Sandy plant. In 2013, the facility received a "Contained In Determination" from the EPA which obligated the facility to dispose of lagoon solids as non-hazardous waste. The facility has disposed of lagoon solids in significant quantity to maintain the functionality of the lagoons. This activity accounted for 67% of the total non-hazardous waste disposed for the facility in 2015.

In 2016, we expect to see a year on year decrease in total non-beneficial disposal of non-hazardous waste at this facility as the lagoon solids disposal reduces.

If we evaluate our total non-hazardous waste disposal, omitting the impact of the lagoon solids disposal activities at Big Sandy in 2015, total beneficial disposal of non-hazardous waste decreased. We attribute this reduction to a change in how we manage our product fines. Carbon fines from the process are sent for beneficial reuse as a fuel source if the fines cannot be recycled into other products. As best practice, several facilities are now capturing carbon fines and recycling them into other products instead of disposing for beneficial use as a fuel source. We are confident this is attributing to the reduction in total beneficial disposal of non-hazardous waste.

We remain committed to open and transparent reporting of our waste disposal practices, and will continue to increase our focus on finding beneficial outlets for our waste streams. Current reuse practices are highlighted below.

EN23: Total Weight of Waste by Type and Disposal			
Category	Quantity, Metric Tons		
	2015	2014	2013
Total Hazardous Waste	3,209	3,713	3,759
Total Beneficial Use of Hazardous Waste	202	159	206
Total Non-Beneficial Disposal of Hazardous Waste	3,007	3,554	3,553
Total Non-Hazardous Waste	38,237*	22,680	16,432
Total Beneficial Use of Non-Hazardous Waste	8,073	9,429	6,164
Total Non-Beneficial Disposal of Non-Hazardous Waste	30,164*	13,251	10,268*

*Significant increase in total non-hazardous waste as a result of additional waste disposal activities at one location.

PROMOTING BENEFICIAL USE

We are committed to the sustainable management and reduction of our waste, as evidenced by our continual efforts to find beneficial outlets for our waste streams.

- Our Durham, UK facility, which is our Cloth Division, found beneficial use for its entire hazardous waste stream in 2015, our only facility to have reached this accomplishment.
- The Ashton, UK facility finds beneficial disposal options for 95% of its non-hazardous waste, including recycling more than 1400 metric tons of scrubber waste.
- Throughout the organization, we recycled more than 75 metric tons of supersacks, our main packaging material for activated and reactivated carbon. This is estimated to be more than 30,000 supersacks. While we did not recycle as many supersacks, many of our sites have increased their on-site reuse practices.
 - Before sending used supersacks to off-site recycling, facilities reuse the packaging for their own purposes, wherever possible. Reusing sacks that held virgin activated carbon to transport reactivated carbons further extends the usefulness of our packaging.

Carbon fines are the largest waste stream at many of our facilities. Beneficial disposal of carbon fines, or other beneficial disposition such as recycling the fines into other products can significantly impact our non-hazardous waste metrics reported for the activated and reactivated carbon facilities. An added benefit to this practice is the reduction in transportation costs, and associated energy and emissions from transporting fines for use as a fuel source. When carbon fines were captured and recycled into other product feedstocks, the quantity was not consistently tracked under the EN23 metric in 2015. We will work to improve our consistency on metric reporting for how our carbon fines are managed. Facilities successful with capturing and recycling fines are noted below:

- In 2015, our Feluy facility in Belgium captured and recycled more than 700 metric tons of carbon fines into other products instead of

sending the fines for beneficial disposal as a fuel source. However, the positive impact of this practice results in a negative impact to the facility metric monitoring beneficial disposal of non-hazardous waste, from 72% in 2014 to 67% in 2015.

- Pearl River reduced its total non-hazardous waste disposal in 2015 by more than 50% compared to 2014 disposal activity. This was accomplished by capturing and recycling carbon fines – its largest waste stream - for use in other products, instead of sending the carbon fines off site for use as a fuel source.

Overall, we anticipate recycling fines will result in a reduction in non-hazardous waste sent for beneficial disposal until beneficial disposal of other waste streams are implemented and increased.

WATER

The health and well being of the global community depends on access to clean, safe and adequate water supplies. While this continues to be a challenge for the global community, our organization plays a critical role as a solutions provider to address the challenge.

With purification technologies and services, working with our customers to provide sustainable water solutions is core to our mission. Our Company has drinking water systems in place around the world, providing safe drinking water to millions of people in thousands of communities. We also offer technologies for converting wastewater to potable water with Granular Activated Carbon (GAC), UV Disinfection Technologies, and Ion Exchange Technologies.

Beyond providing clean, safe drinking water and safely treating wastewaters, we have to responsibly manage our own water usage. As part of our continuous monitoring, we strive to gain a complete understanding of our water usage and where our water is sourced from.

We recognize we need to proactively manage our water consumption in order to protect against rising water costs and potential supply disruptions. We maintain our focus on eliminating and reducing the use of process water wherever possible.

WATER USAGE BY SOURCE

In 2015, our operations used more than 6.8 million cubic meters of water from four primary sources. We did not see any significant change regarding the source. Of the water used in operations, 8% of that volume was recycled and reused for additional processes on site. We did see a slight decrease in the volume of water recycled and reused compared to 2015, but do not see the slight variability as significant. Water consumption data are generated at a facility

level using facility based or municipally supplied metered data and aggregated across Calgon Carbon's operations.

Since 2013, the total water withdrawal of our operations has increased 8.8%. Comparably, for the same time period we increased activated and reactivated carbon production at a greater rate than we increased the total water withdrawal. This indicates we are reducing the total water withdrawal per metric ton of activated and reactivated carbon production.

EN8: Total Water Withdrawal by Source			
Source	2015	2014	2013
Total Water Withdrawal, in cubic meters	6,857,852	6,652,111	6,311,763
Surface Water	55%	55%	59%
Ground Water	32%	33%	33%
Municipal Supply	9%	8%	8%
Wastewater from another Organization	4%	4%	N/A

EN10: Percentage and Total Volume of Water Recycled and Reused			
	2015	2014	2013
Total Volume of Water Recycled and Reused, in cubic meters	563,882	706,175	536,672
Percentage	8%	10%	8%

ELIMINATING AND REDUCING PROCESS WATER

Our Gila Bend facility continues to showcase the operational benefit of eliminating and reducing process water. In 2015, the reactivation process at Gila Bend consumed 99% less water per metric ton of production than was consumed at facilities producing virgin activated carbon.

Based on the success showcased at the Gila Bend reactivation facility, we are implementing similar designs to achieve analogous benefits. Currently underway, major upgrades to the industrial reactivation process at the Neville Island facility include similar improvements to reduce water consumption. Upgrades to the facility will reduce the need for motive water transport, which also reduces energy consumption and increases available reactivation furnace capacity. The location will also install equipment similar to Gila Bend's to reduce the use of water for product cooling.

EXPANSION AND UPGRADES FOR REACTIVATION AT NEVILLE ISLAND

Reactivation of spent activated carbon is integral to our business and the ability to process and recycle our product allows us to provide a value-added and sustainable way for our customers to meet their purification needs.

To support this critical role, we initiated an expansion and upgrade project at the Neville Island reactivation facility in Pittsburgh, PA. The project will eliminate off-site unloading and storage operations and the associated transport of millions of pounds of carbon between facilities each year. Consolidated operations will reduce fuel consumption and emissions by reducing truck traffic. A new loading operation at the plant in which product can be loaded directly into bulk trucks for delivery to customers will result in additional logistics improvements. The new operation eliminates the packaging and transfer of material associated with off-site bulk loading.

To conserve energy required for the reactivation process, air that is used to cool equipment in the process will be used as pre-heated combustion air in the furnace burners. Efforts to conserve energy aid in reducing the fuel consumption and greenhouse gas emissions of the facility.

Learning from our success at capturing and reusing carbon fines at our Pearl River facility, we plan to install a system to collect carbon fines for use in finished products or to use as a fuel source for the furnace combustion. This practice of capturing carbon fines prior to incineration will have a significant beneficial impact on our greenhouse gas emissions, as well as reduce waste generation.

ENERGY & EMISSIONS

The energy consumption and emissions of our operations are significant pieces to our environmental impact, and a central focus of our sustainability efforts. Successfully managing our energy consumption and advancing the efficiency of our operations is a top priority and yields multiple benefits. It lessens our demand on the natural resources required to generate energy, decreases the emissions of our energy consumption and diminishes the negative impact to our business from fluctuating energy prices. More importantly, working to advance our energy efficiency and reduce our associated emissions has a positive impact on the health and well being of the global community.

Several of our facilities operate under similar, yet separate environmental management systems, and each facility is responsible for attaining specific environmental objectives and targets. Operations in Feluy, Durham, and Suzhou have all established objectives and targets aimed at reducing energy consumption. As our U.S. operations are implementing a comprehensive environmental, health, safety and security management system, initial plans for setting an energy objective and target were developed in 2015.

We continue to achieve energy and emissions reductions through continued waste heat to energy

practices, and by implementing energy conserving designs and equipment wherever possible.

WASTE HEAT TO ENERGY

Calgon Carbon benefits from capturing waste heat from our operations. Waste heat is captured and used for a variety of purposes in order to reduce our energy demand for processes such as for steam generation, heating air and process water and building and space heating.

Through waste heat recovery, last year Calgon Carbon sites collectively generated more than 230,000 GJ of energy. Each opportunity to reduce energy demand also equates to a reduction in greenhouse gas emissions, and the continuation of waste heat recovery practices prevented the emissions of more than 33,000 metric tons of greenhouse gas emissions.

- Our Feluy facility in Belgium recovers waste heat from a reactivation furnace to generate steam, which in turn is used to produce electricity on site.
- The Big Sandy facility in the U.S. also captures waste heat to generate steam used for temperature control, process water and air heating and building and space heating throughout the facility.
- The UV Technologies division reduces energy demand by the seasonal relocation of a 60 ton chiller. When located indoors, the heat released by the chiller offsets building heating requirements. When located outdoors, stress on the building's cooling system is reduced. This practice is dynamic and correlates to testing levels at the facility.

ENERGY CONSERVATION

Improving energy efficiency and reducing greenhouse gas emissions are at the forefront of our project designs and considerations - from upgrading our lighting to major capital projects to reduce our energy demand. We are committed to the sustainable growth of our operations by responsibly managing our energy and emissions.

The steam improvement project at our Big Sandy facility, completed at the start of 2015, improved the

energy and water balance of the facility and improved our production and operational efficiency. The project improved the quality and quantity of steam generated at the facility, and resulted in a 15% reduction in boiler water discharge. This is estimated to save the facility 67 GJ of energy annually and more than 10 metric tons of greenhouse gas emissions. In addition, new equipment installed in 2015 increased the waste heat recovery at the facility, and additional operational information is needed to determine the estimated energy savings.

Overall, energy efficiency improvements at the Big Sandy facility are positively impacting the energy demand per metric ton of production. Since 2013, the site has reduced its energy consumption per metric ton by more than 11%.

The Columbus, Ohio facility, as a result of its energy conservation efforts identified and initiated through involvement in the Mid-Ohio Regional Planning Commission's ME3 (materials, economy, energy, and environment) program, has also seen a significant energy reduction per metric ton of production. Since 2013, the facility has reduced its energy demand by more than 8% per metric ton of production. Energy savings are a direct result of improved management of lighting, motors, compressed air, wastewater discharge and steam. The facility also expects to realize energy savings by reducing process operating temperatures as implemented in the third quarter of 2015.

A capital project was implemented in 2015 at our Gila Bend plant, with the objective of improving the overall energy efficiency and reducing energy costs by installing a capacitor to correct the power factor. With a lower power factor, the facility was drawing a high current, requiring larger equipment to manage the current and resulting in lost energy in the distribution system. Correcting the power factor reduces energy loss in the distribution system and the associated costs from the electric utility. The project is expected to save 78 GJ of energy each year, and was fully implemented at the start of 2016.

ENERGY & EMISSIONS INDICATORS

Energy consumption and greenhouse gas emissions increased across our operations in 2015, for the second consecutive year. Activated and reactivated carbon production are our most energy intensive operations, and we attribute our increased energy consumption and greenhouse gas emissions to our increased production. When energy and emissions data are normalized to activated and reactivated carbon production, since 2013, we have seen the following improvements in our energy and greenhouse gas emissions (GHG):

- 7% reduction in GJ/metric ton
- 4% reduction in Direct GHG Emissions/metric ton
- 3.5% reduction in Indirect GHG Emissions/metric ton

While our operations have overall reduced particulate emissions, several of our other air emissions have increased. The increased nitrogen oxide compound emissions is largely attributed to the inclusion of additional emissions points at our Big Sandy facility, and less so to the overall increased production of activated and reactivated carbons. Our most notable achievement in regards to our air emissions is our continued decrease in particulate emissions, which is a result of our continuous improvements in our dust handling systems and efforts to improve our carbon fines capture at the facilities.

GRI Indicators EN3, EN5, EN15, EN16, EN18, & EN21				
		2015	2014	2013
EN3	Total Energy Consumption	3,024,036 GJ	2,955,905 GJ	2,817,847 GJ
EN5	Energy Intensity	5.62 GJ/\$1,000 ¹	5.32 GJ/\$1,000 ¹	5.14 GJ/\$1,000 ¹
EN15	Direct GHG Emissions (Scope 1)	656,027.3 metric tons	602,378.4 metric tons	593,364.7 metric tons
EN16	Indirect GHG Emissions (Scope 2)	63,322 metric tons	63,200 metric tons	59,332 metric tons
EN18	GHG Intensity	1.34 metric tons/\$1,000 ¹	1.2 metric tons/\$1,000 ¹	1.2 metric tons/\$1,000 ¹
EN21	Air Emissions			
	NOx	151	95	131
	SOx	193	188	180
	POPs	0	0	0
	VOCs	16	8	23
	HAPs	<1	<1	<1
	PMs	357	371	382
	Others	33.1 ^{2, 3, 4}	24.6 ^{2, 3, 4}	17

¹ Intensity calculated per \$1,000 of net sales.

² 1.1 metric tons HF from Big Sandy and Feluy facilities.

³ 1 metric ton HCl from Feluy and Durham facilities.

⁴ 31 metric tons of CO from Neville Island, Pearl River, and Feluy facilities.

MATERIALS

As an experienced manufacturer of activated carbon products and water purification systems, we have learned that understanding the materials we use for our business is imperative in the development of efficient products and proper management of our operations. We are committed to monitoring the composition and volume of our materials usage. This allows us to assess production yields and develop accurate process improvements.

To monitor our material usage across the organization, each manufacturing and reactivation facility reports materials used, including raw materials, associated process materials, semi-manufactured goods and parts and packaging materials. In addition, the amount of material sourced from recycled material was determined to calculate the percentage of recycled material used. Data is centrally collected and aggregated for reporting.

In 2015, our operations used more than 310,000 metric tons of materials, 71% of which were non-renewable materials, compared to 73% non-renewable materials used in 2014. We also increased our recycled input material compared to the same time frame last year. We define our activated carbon that is returned for reactivation and distribution into the marketplace as a recycled input.

Overall, our increase in raw material consumption is the result of increased production of both virgin activated carbon and reactivated carbon and related material needs of increased production. The principle raw material for our activated carbon products is bituminous coal, a non-renewable raw material.

INDICATOR EN1 & EN2

EN1: Materials Used by Weight or Volume			
Category	Quantity (metric ton)		
	2015	2014	2013
Total Materials	310,042	298,916	284,374
Total Non-Renewable Materials Used	220,780	218,892	197,690
Total Renewable Materials Used	89,262	80,024	86,684

EN2: Percentage of Materials Used That Are Recycled Input Materials			
Category	2015	2014	2013
Total Recycled Input Material	27%	26%	26%

We will continue to proactively manage our material consumption, monitor usage and improve operations to ensure that our manufacturing and production processes are operating at the highest level of efficiency. Calgon Carbon is also committed to promoting our reactivation process and services; this allows us to minimize the environmental impact of our purification products by achieving the highest level of use out of the raw material input. The continuous cycle of reactivating spent activated carbon extends the life of the product, originally derived from a non-renewable material.

An example of our commitment to proactively managing materials is evidenced through implementation of waste to feedstock projects at multiple locations.

WASTE TO FEEDSTOCK

Carbon fines remain one of our largest waste streams at many of our facilities. Responsible management of this waste stream remains at the forefront of our materials and waste management approaches. While sending carbon fines for use as a fuel source is considered a beneficial use, we believe carbon fines have more value when used for the intrinsic properties for which we produce activated and reactivated carbon products. It is not enough just to arrange for beneficial use, we strive to manage carbon fines to achieve maximum positive benefit.

Carbon fines captured at our Pearl River and Feluy facilities are recycled into other products and capital projects are being developed to do the same at our Big Sandy and Neville Island facilities. Overall, 2015 facility metrics revealed that captured and recycled carbon fines are not tracked consistently at all of our locations. We will work to improve our consistency of reporting on how our carbon fines are managed, and look forward to reporting additional progress in subsequent reports.



COMMUNITY SUPPORT

With our air and water purification services, solutions and technologies, Calgon Carbon is deeply immersed in helping communities locally, nationally and around the world meet today's most daunting air and water purification challenges. We continually strive to create and sustain strong relationships with the communities in which we live and operate, as we see this as one of our fundamental social responsibilities.

Having formally identified local communities as one of our material aspects, we continue to monitor and track participation in community engagement and development programs across our organization.

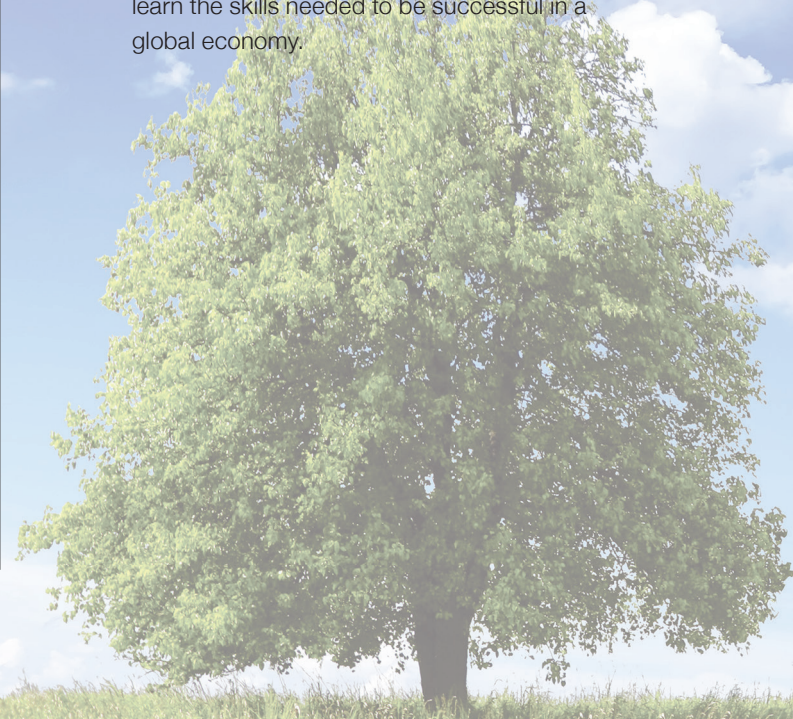
SUPPORTING OUR COMMUNITIES

We participate in fundraising initiatives, community partnerships and programs and volunteer events. Continuing with our ongoing corporate giving focus, Calgon Carbon employees donated to the United Way in 2015, with 100% of our executive team making a financial contribution. In addition, 100% of the Calgon Carbon Crushers softball team made financial contributions as well. Besides direct donations, we also participate in fundraising events, agency reviews, leadership luncheons and we conduct various raffles and challenges throughout the year to raise funds for The United Way. Focused on improving education, financial stability and promoting healthy lives, The United Way operates on a multi-national level and provides support to local charitable organizations. Each of our facilities is also encouraged to support organizations in their local community. The following examples showcase a few of these initiatives, partnerships, programs and efforts undertaken by the company and employees in 2015:

- Through the Community Connections program, employees across five of our locations in the United States performed 144 hours of volunteer activities. The formally developed program is designed to facilitate employee contributions back to society by allowing them to volunteer up to 16 hours of work per calendar year for their chosen charity or other non-profit organization during regular work hours. Initiated in 2014, the program

provides employees the time to go above and beyond corporate sponsored community relations activities such as United Way Day of Caring, or Junior Achievement Volunteer days.

- Calgon Carbon continues to engage in activities in support of Junior Achievement (JA) of Western PA, including organizing our first annual Super Bowl-A-Thon benefitting JA of Western PA. More than 100 employees participated on 5 teams, each lead by a corporate officer. The event raised over \$4,000 and we plan to repeat the event in 2016. Our employees in Western Pennsylvania also continue to participate in JA career days and teach classroom lessons to help young people learn the skills needed to be successful in a global economy.





Big Sandy plant employees reconstruct pallets into items to auction off in benefit of the American Cancer Society.

- Employees from our Big Sandy plant continue to support the American Cancer Society through various activities. Efforts included participating in the Boyd County Relay for Life, donating wooden pallets and reconstructing them into benches and other items to auction off, and participating in the American Cancer Society Chilifest.
- As a core member of the Suzhou Environmental Volunteer Association, our Suzhou facility did volunteer work with the association and donated activated carbon to the local kindergartens, junior schools and middle schools, for indoor air purification in the new schools. The activity was designed to give children a better and more comfortable environment. The activity also provided an opportunity to educate the community on what the company does, and how to recognize a high quality activated carbon product.
- The Gila Bend plant again participated in Manufacturing Day in 2015, after a successful first year in 2014. Planned and supported in partnership with the local Chamber of Commerce, the event introduces local high school students to jobs in the manufacturing industry as a way to address the gap between job requirements and the skills of those who are applying for them.

- Big Sandy plant Payroll/Benefits Coordinator, Brooke Frye, visited 2 local high schools in 2015, with the objective of educating teenagers about their paychecks and how to brace themselves for their first payroll tax deduction. Teaching Financial Literacy, Accounting, Advanced Accounting, Management Principles and Money Skills, the effort was part of a nationwide push to improve financial literacy among teenagers. Payroll professionals taught “Paycheck 101” to local high school students across the United States during Money Matters National Education Day.

In addition to the specific contributions noted above, multiple Calgon Carbon locations support March of Dimes through fundraising activities, collect and donate to local food banks in their regions and also collect hats, gloves, coats, toys, and other gifts during the holiday season to provide for those in need in our local communities. We acknowledge each of our divisions and employees enthusiastically supporting the communities in which they live and operate, and are proud of their ongoing contributions to various charitable and community organizations.



Bill Loper, Big Sandy Plant employee, delivers coats, hats, gloves, and toys collected at our Big Sandy plant to Safe Harbor, a local domestic violence shelter that is also a direct contributor of the local United Way.

While our application process for soliciting funds for corporate giving is still under development, we continue to monitor the extent of our community involvement and categorize our contributions into three focuses: Health & Human Services, Education and Community Improvement. In 2015, we increased our corporate donations both in value and in beneficiaries, donating more than \$200,000 to more than 50 groups, including the following:

- American Heart Association
- American Red Cross
- Animal Friends
- Blind & Vision Rehabilitation of Pittsburgh
- Carnegie Museums of Pittsburgh
- Children's Museum of Pittsburgh
- ClearWater Conservancy
- Junior Achievement
- Leadership Pittsburgh
- March of Dimes
- Pittsburgh Botanic Garden
- Pittsburgh Cultural Trust
- Pittsburgh Opera
- Sarah Heinz House
- Special Olympics
- United Way



PROTECTING OUR COMMUNITIES

Implementing local community engagement programs, impact assessments and development programs builds partnerships with the communities where we live and operate. Some of these programs include involving facility management with Community Advisory Panels (CAPs) and Local Emergency Planning Committees (LEPCs), environmental impact assessments and public reporting, stakeholder engagement plans and providing a formal local community grievance process.

In 2015, 100% of our operations had implemented local community engagement programs, impact assessments and development programs, compared to 100% for 2014 and 93% for 2013.

- Our locations continue to engage in cooperative efforts with local fire and rescue services to build a relationship that benefits both entities. Facilities receive much needed services in the event of an emergency, and the local emergency services get the use of an industrial facility for beneficial hands-on-training for its members.
 - Our Neville Island facility invited local fire and emergency management system crews to interact with plant managers and employees, initiating a relationship that would familiarize these services with our plant and needs in the event of an emergency.
- Our largest manufacturing facility, Big Sandy, participates monthly in the Ashland CAP (Community Action Panel) where local plant leaders interact with the community to discuss Calgon Carbon's impact and answer questions from the group.
- UV Technologies actively participates in the local township developmental awareness meetings, and regularly hosts local fire and police departments.
- The Feluy plant in Belgium is an active member in the Feluy Industrial Area Environmental & Safety Commission. The Commission facilitates open communications

among authorities, governments, industry and surrounding communities.



In 2015, we continued implementation of our RC14001® Environmental, Health, Safety and Security Management System in our U.S. operations. The system includes provisions for participation in mutual assistance programs and for responding to emergencies, as well as processes and procedures to identify and control hazards and communicate with internal and external stakeholders, including the communities in which we operate.



PRODUCT STEWARDSHIP

We are dedicated to providing products that are safe when used responsibly and for their intended use, while ultimately helping the global community meet today's most daunting air and water purification challenges.

Our products and services are inherently designed to protect people and the environment from contaminants. This design, coupled with our commitment to responsibly manage the impacts of our products throughout their lifecycle, enhances the overall positive impact of our products and services. Accordingly, we take responsibility for the safety and stewardship of our products, and this focus includes evaluating the sustainability and responsibility of the suppliers engaged in our value chain.

Continued implementation of the Product Safety Code further developed our management systems with regards to product safety and stewardship. With this management system approach, assessing the impact of our value chain partners and tracking key performance metrics, we are able to proactively manage this key focus area.

OUR PRODUCTS

An essential part of our product development cycle is the evaluation of each product for health, safety and environmental hazards and regulatory compliance.

In 2015, our U.S. operations completed efforts to classify the hazards of our products and prepare product labels according to the United Nations Global Harmonized System of Classification and Labeling of Chemicals (GHS) as adopted by the United States under 29 CFR 1910.1200. The project began in 2013, and was successfully completed only through cooperation and support from employees across multiple departments and the participation of all of

our activated carbon manufacturing and reactivation sites. As a result, we were able to make several improvements across our U.S. operations:

- Organized communication and training, including creation of an internal webpage for efficient access to Product Safety related information.
 - Centralized management and location of all product Safety Data Sheets and accompanying labels.
 - Standardized source, format and printing equipment and supplies for product labels.
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With our commitment to Responsible Care®, we continued implementation of the Product Safety Code in our U.S. operations to ensure the safety and stewardship of our products. The code outlines eleven necessary management practices and enables systemic product evaluation, demonstrates continuous improvement of product safety while improving communications and influencing product safety throughout our value chain. With the first three management practices of the code implemented in 2014, processes were developed and implemented in 2015 to fulfill the following four practices:

- Develop and maintain information on safety, health and environmental hazards, intended product uses and exposures for new and existing products.
- Risk characterization of products based on product information.
- Product safety management to identify, implement, document, and communicate measures to manage product risks.
- Management of new information that may impact risk characterization and product safety management.

Using these processes, we completed the risk characterization and product safety management of our high priority products. Action plans were initiated for any instance where risks were inadequately managed as identified and required by the Product Safety Committee.

The Product Safety Committee will complete implementation of the Product Safety Code in 2016 by developing the necessary processes for the remaining management practices:

- Product design and improvement that considers health, safety, and environmental impacts in the innovation, design, development and improvement of products, their manufacture and uses.

- Value chain communication, cooperation and outreach to work with value chain participants to foster product safety management and information exchange.
- Information sharing to provide publically available product safety and stewardship information as appropriate.
- Routine monitoring and assessment of product safety and stewardship information to drive continuous performance improvements and corrective actions when necessary.

Also completed in 2015 was the initiation of a new product review process which ensures a formal review of new products with cross-functional considerations prior to approval. The process allows for a structured framework to review new products, and we developed an objective and target to further improve the process in 2016. The objective structures the SDS and label authoring process and the Management of Change process earlier in the framework than currently established to allow for more effective environmental and safety review in the process. We look forward to reporting on our progress toward this objective in future reports.

OUR SUPPLIERS

The demand for transparency in the value chain remains ever present, with a focus on sustainable performance. Stakeholders increasingly request details on our environmental, health and safety systems in place and details of our performance measures. We recognize our impact is of material concern to our value chain partners, and the environmental and social impact of our value chain partners is material to our operations as well. Sustainable performance is a priority for Calgon Carbon and a driver to maintain business relationships in the value chain. We are constantly working to develop and expand this commitment.

Safeguarding people and the environment requires a supportive value chain to drive and support our commitment. Screening suppliers against environmental criteria and performance is one such method to ensure our value chain supports this commitment. Each of our regions manages

suppliers separately, and while some locations have a formalized screening process, we are still developing and implementing screening processes where we are lacking.

In 2015, we launched a project in our U.S. operations to implement a process for improving how we screen vendors for their environmental, health, safety and security performance. The project will give Calgon Carbon the transparency needed to understand the environmental, health, safety and security impact of our value chain partners. Scheduled for implementation in 2016, the screening process will enable proactive management of this material aspect.

INDICATOR EN32 & EN33

To monitor progress toward managing the identified material aspect, supplier environmental assessment, we continue to track the percentage of suppliers screened with environmental criteria (EN32) and the actual and potential negative environmental impacts of our suppliers (EN33). These two metrics combined give us further understanding of the impact our value chain partners have on the environment.

EN32: Percentage of New Suppliers Screened Using Environmental Criteria	2015	2014	2013
Total New Suppliers Screened With Environmental Criteria	6%	17%	<5%

EN33: Significant Actual and Potential Negative Environmental Impacts in the Supply Chain and Actions Taken	2015	2014	2013
Total Suppliers Subject to Environmental Impact Assessments	76	32	11
Suppliers Identified To Have Negative Environmental Impact	60	26	8
Suppliers Terminated for Negative Environmental Impact	3	1	6

