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Message from our President and CEO, Rory Read

Over the past few years AMD has been undergoing a complete transformation of our business. I’m proud to share that in 2013, we made significant progress in bringing AMD closer to our mission of becoming the leading designer and integrator of innovative, tailored technology solutions that empower people to push the boundaries of what is possible.

Throughout our transformation, AMD’s commitment to corporate responsibility has remained unwavering. We care deeply about our people and our planet, and these values are woven into everything we do. We call this “The AMD Way,” and it is the catalyst driving our approach.

This approach isn’t just a moral imperative for AMD; it’s a key business differentiator. We know that:

> How we run our business is just as important as the innovative products we deliver;
> Our employees are motivated and inspired by contributing to social and environmental causes; and
> Our AMD investors are deeply committed to these issues, as well.

Corporate responsibility is at the core of AMD’s culture. I am proud that AMD has been a leader in this area for many years now and we continue that tradition with the accomplishments you will find in this report.

AMD is a different company today. We are stronger, and are building a business model to carry us into the future. We will continue to take steps to transform into a more predictable and balanced business. I am confident that we will deliver. In this report you can read about how our responsibility efforts are evolving and supporting our mission.

Rory Read

President and AMD CEO
CHAPTER 1: OVERVIEW

In our 2012 report, we discussed the rapidly changing business environment for AMD products. And in 2013, AMD developed and substantially executed our three step turnaround and transformation strategy.

1. Reset and Restructure
2. Accelerate and Execute Plan
3. Transform AMD to Win

We ended 2013 with a return to profitability and completion of major milestones for steps one and two. As we enter 2014, AMD is engaged in the third and final phase of our turnaround and transformation strategy – Transform to Win. Key steps planned for this phase include:

- Build leadership intellectual property (IP)
  - Low power
  - Next-generation x86 and ARM cores
  - Graphics
- Tailored, semi-custom design and integration capabilities
- Continue to diversify our portfolio
- Move ~50 percent of our business to high-growth markets
  - Ultra low-power client
  - Embedded
  - Professional graphics
  - Semi-custom
  - Dense servers

AMD Transformation and Corporate Responsibility

The net effect of all of these changes is that AMD is resurgent and is entering 2014 with a renewed vigor and purpose. Throughout this transformation and resurgence, AMD has not only maintained, but has strengthened our commitment to corporate responsibility. Some of the corporate responsibility highlights from 2013 include:

- AMD was elected to chair Electronic Industry Citizenship Coalition (EICC) for a second term. This is a coalition of over 90 member companies (with >$1.7 Trillion in combined annual revenues) focused on improving labor and environmental issues in the electronics supply chain.
- AMD was named to CR Magazine’s Top 100 Best Corporate Citizens List.
- For the 12th consecutive year, AMD was included on one or more of the Dow Jones Sustainability Indexes.
- AMD was listed in the Morgan Stanley Capital International (MSCI) Environmental, Social and Governance (ESG) indices with an Intangible Value Asset (IVA) rating of “A” in 2013.
- AMD was added to the U.S. Environmental Protection Agency (EPA) “Green Power Leadership Club” in 2013 and was ranked 12th on their Top 30 Tech and Telecom List, and 30th on their
We continued to make significant progress on eliminating conflict minerals from our supply chains and ranked 5th overall in The Enough Project Conflict Minerals Company Rankings for our efforts.

Last year’s corporate responsibility report was featured as an industry-leading CSR Report in July 2013 by CSRwire.

Our employees continue to give corporate responsibility top grades: This topic was tied for the second highest most approved item in AMD's 2013 employee survey results.

AMD was represented in the Top 10 CSR Pros to follow in 2013 and the Top 46 Sustainability Influencers in 2014.

Report Format

This is our 19th annual corporate responsibility report. Inside you will find detailed information on our efforts, successes and challenges. This comprehensive report is aimed at investment analysts and other stakeholders who are interested in assessing the full set of details on our responsibility programs. In addition to this report, we also publish information in two other formats:

- A summary magazine that is a companion to this comprehensive report
- A corporate responsibility website

In 2013, AMD added regional versions of the summary magazine format for Brazil, China and Malaysia to support our operations in those locations. The feedback on these regional summaries has been universally positive. This year, we added a regional corporate responsibility summary for Canada to support our Markham, Ontario operations.

The goal of our reporting strategy is to engage the broadest possible audience in our responsibility journey. By summarizing our performance in a magazine-style format and regional reports, we hope to engage people who are interested in these topics but may not be experts or willing to invest significant time sorting through detailed information.

Global Reporting Initiative (GRI)

Like many corporate responsibility leaders, AMD follows the disclosure guidelines from the Global Reporting Initiative (GRI) to structure the information in this report. The GRI has become the predominant international standard for corporate responsibility reporting and cover economic, environmental, social and governance performance. The GRI Report disclosures are correlated to the guidelines in the GRI Table included in this report.

In 2013, the GRI has released GRI G4 – its latest version of reporting guidelines and established a two-year timeline for transition to G4. This report is based on the G3.1 guidelines. AMD anticipates conforming to the G4 guidelines in future years.
**Updates**

We plan to update the information in this report as appropriate throughout the year. In addition to those already mentioned, we have several other communication channels to share information with our stakeholders and receive input:

- Corporate responsibility blog
- Corporate responsibility newsletter issued periodically
- Direct contact link on the corporate responsibility website
- Twitter accounts (@AMDCSR and @TimJMohin)

By employing multiple communication methods, our goal is to ensure that all interested stakeholders are able to review and comment on our corporate responsibility progress and plans. We welcome your input and comments.
**AMD at a Glance**

Founded in 1969 and headquartered in Sunnyvale, California, AMD designs and integrates technology that powers millions of intelligent devices, including personal computers, tablets, game consoles and cloud servers that define the new era of surround computing. AMD solutions enable people everywhere to realize the full potential of their favorite devices and applications to push the boundaries of what is possible.

- Headquarters: Sunnyvale, California
- Established: 1969
- Employees: more than 10,000 worldwide
- Facilities: more than 50 locations worldwide
- Publically traded (NYSE:AMD)
- Fortune 500 firm
- 2013 Revenue: $5.3 billion

**2013 in Review; Look Ahead to 2014**

2013 will be remembered as a significant turning point in AMD’s history, and a defining moment in the company’s multi-year transformation to create a stronger and more profitable company. We created a more efficient business model with significantly lower operating expenses and returned to profitability and positive free cash flow.

Our success was underscored by improved execution across the company. We met our key product, IP development, supply chain and financial milestones for the year. Key 2013 milestones included:

- Unprecedented sweep of gaming consoles, with all major game console manufacturers using AMD semi-custom technology.
- Due in-part to the success of our semi-custom game console products we exceeded the goal we set for our semi-custom and embedded businesses to generate 20 percent of revenue by the fourth quarter of 2013. We believe this is clear validation of the strategy we outlined two years ago to embrace the trends re-shaping our industry.
- The launch of AMD’s AMD Radeon™ R7 and R9 graphics cards. Based on the award-winning Graphics Core Next (GCN) architecture, AMD Radeon R7 and R9 Series graphics cards support AMD’s “Mantle” technology that enables game developers to more easily harness the full capabilities of the GCN cores across both PCs and consoles, enabling an unmatched level of hardware optimization, revolutionary performance and image quality. AMD’s newest graphics chips also include AMD TrueAudio Technology, the world’s first fully programmable audio pipeline on a graphics card.
- Apple launched its most powerful PC ever – the Apple Mac Pro – featuring dual AMD FirePro™ graphics cards that enable OpenCL compute power matched with 4K display support. Mac Pro users have the ability to seamlessly edit full-resolution, 4K video and simultaneously render effects in the background, and still have enough performance to power up to three high-resolution 4K displays.
In our dense server business, we prepared for the launch one of the industry’s first 64-bit ARM server SoCs in early 2014. Our unique position offering both x86 and ARM solutions combined with our years of experience in the server market and industry-leading fabric technology differentiates us as we bring an expanding set of solutions to this important market. We see strong interest from both traditional server OEMs and end customers like cloud providers for these exciting new dense server solutions.

Moving forward, AMD will continue to focus on differentiated IP leadership through low-power technologies, an ambidextrous architecture that spans the x86 and ARM ecosystems, building a set of re-useable IP Blocks (SOC-15) to lower cost and speed to execution, and unlocking the compute and visualization experiences driven by APUs and GPUs through Heterogeneous Systems Architecture (HSA).

Through HSA, and by collaborating with numerous HSA Foundation partner companies, AMD is enabling a common, open-standards platform on which developers can more quickly and easily build applications that take advantage of the parallel processing the GPU and central processing unit (CPU) can provide together.

In the server space, we are targeting the dense cloud server market by leveraging our differentiated SeaMicro server fabric to handle workloads best-suited for APUs, and in 2014, bring to life our roadmap expansion from legacy x86 server designs to the higher growth dense server market enabled via both 64-bit ARM and x86 solutions. This uniquely positions AMD to become the leader in the low-power dense server space.

In 2014, we are launching “Kaveri,” our most powerful APU ever, and the world’s first APU to include HSA features, the immersive sound of AMD TrueAudio Technology and the performance gaming experiences of Mantle API.

We will continue to diversify our product portfolio and by taking advantage of high-growth opportunities in adjacent markets where our IP provides a competitive advantage.

We expect to continue growing revenues in the embedded/semi-custom sector by targeting communications/networking, industrial and gaming growth segments. We are on track for our growth businesses to generate approximately 50 percent of our revenue by the end of 2015.

Our world-class graphics differentiation and proven leadership position in this space will remain the cornerstone of our end-to-end product strategy.

In 2014, AMD will continue to build on the strong momentum we created in 2013 across our increasingly diversified product portfolio. Our focus in 2014 and beyond is on developing winning, leadership products and building momentum in our business results. Our focus is on driving sustainable, consistent revenue and profit growth with amazing new products.

Additional Information

- About AMD
- Products We Design
Material Issues, Strategy and the Corporate Responsibility Council

AMD periodically conducts and reviews “materiality assessments” that aim to align corporate responsibility goals with AMD’s business objectives. Our cross-functional Corporate Responsibility Council conducted the most recent review in 2013, and all four existing material issues were considered still relevant. The table below shows the current list of key issues and progress to date.

<table>
<thead>
<tr>
<th>ISSUE</th>
<th>DEFINITION</th>
<th>2013 UPDATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product energy efficiency and solutions</td>
<td>Increasing the energy efficiency of AMD products and producing technologies that enable our customers to improve their own energy efficiency and achieve their climate change goals.</td>
<td>In 2013, AMD acquired SeaMicro, a pioneer in energy-efficient, high-bandwidth microservers. With this acquisition, AMD is accelerating our disruptive server strategy, taking advantage of an inflection point in the industry driving opportunities in low-power, client mobility, emerging markets and the cloud/megadata centers.</td>
</tr>
<tr>
<td>Increasing access to technology</td>
<td>Developing the products and programs that increase access to digital technology in emerging and developing world markets.</td>
<td>AMD expanded our presence in Latin America and expanded our signature education program, AMD Changing the Game, into Latin America. We also document beneficial uses of our technology in different parts of the world. See AMD Technology Enabling Today, Inspiring Tomorrow.</td>
</tr>
<tr>
<td>Supply chain responsibility</td>
<td>Improving processes to ensure the management of labor, health &amp; safety, ethics and environmental risks in AMD’s supply chain conforms to our expectations. This includes programs to identify the source of any “conflict minerals and eliminate any that are not “conflict-free.”</td>
<td>AMD continued our leadership in eliminating the link between the trade in minerals and conflict in Central Africa. We also made substantial progress in integrating corporate responsibility into supplier relationships. See Supplier Responsibility.</td>
</tr>
</tbody>
</table>

Table 1: Corporate Responsibility Priority Material Issues and 2013 Update

While our assessment of priorities provides focus, it is important to note there are several other focus areas critical to AMD’s business and stakeholders. For example, AMD has a long-term focus on promoting STEM (science, technology, engineering and mathematics) education. Our signature philanthropic program, AMD Changing the Game, promotes STEM skills in middle and high school students through game design and development. AMD also has a long-standing commitment to environmental protection, and has invested in improvements in energy and water conservation, greenhouse gas (GHG) emissions reduction and waste minimization. See our Global Environmental Goals and Performance.
Presenting our materiality assessment reflects AMD’s commitment to a strategic, business-oriented approach to corporate responsibility. As the company’s business strategy evolves, we review, and if necessary, revise our CR strategy.

**Transparency**

**Scope**
This report provides information on AMD programs addressing environmental protection, social responsibility and economic performance. Operational data for 2013 is for AMD majority-owned and operated facilities located in Sunnyvale, Calif.; Austin, Texas; Markham, Ontario; Penang, Malaysia; Singapore; and Suzhou, People’s Republic of China, for the reporting period January 1, 2013, through December 31, 2013. In addition, notable activities that occurred in 2014 prior to publication of this report have been included. Where noted and when available, we have also included data from our smaller AMD sites. Data for the reporting year 2012 was covered in AMD’s [2012/2013 Corporate Responsibility Report](#) published in May 2013.

**Measurement and Verification**
Where practical, the data we present is measured directly or empirically derived. In some cases we rely on data from external parties, such as utility and waste management providers. Restatements of our 2013 corporate responsibility data are shown in our performance indicators [data tables](#).

With the exception of financial information, data provided in this report has not been independently verified by a third-party auditing firm. The data collected are from many different sources using well-established processes that include a rigorous review. Internal processes are periodically assessed to ensure that accurate, consistent and reproducible information is reported.

**Indirect Impacts**
AMD is a semiconductor design company with many of the potential environmental impacts from wafer fabrication occurring in our supply chain that are beyond our direct operational control. As a result, we track and influence the environmental performance of our major suppliers. For the past four years we reported on indirect environmental impacts from our wafer foundry suppliers, our business travel, employee commuting and product transportation.
Awards and Recognition

While our commitment to being a responsible corporation is not dependent on recognition, it is great validation of our work when external organizations rank us alongside the top sustainable companies.

The awards and rankings below are based on standards of performance developed by each conferring organization. We are proud to be honored with the following recognition for 2013:

<table>
<thead>
<tr>
<th>CORPORATE RESPONSIBILITY AWARD/RANKING</th>
<th>CONFERRING ORGANIZATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dow Jones Sustainability North American Index</td>
<td>Sustainability Asset Management (SAM) and Dow Jones Sustainability Indexes</td>
</tr>
<tr>
<td>Top 100 Best Corporate Citizens List</td>
<td>Corporate Responsibility Magazine</td>
</tr>
<tr>
<td>Prime Classification from Oekom Research</td>
<td>Oekom Research</td>
</tr>
<tr>
<td>Calvert Social Index</td>
<td>Calvert Investments</td>
</tr>
<tr>
<td>Climate Innovation Index Leader</td>
<td>Maplecroft Climate Innovation Index (CII)</td>
</tr>
<tr>
<td>Computerworld Honors Laureate (AMD Foundation honored for innovative STEM education)</td>
<td>International Data Group’s Computerworld Honors Program</td>
</tr>
<tr>
<td>Global Challenge Index</td>
<td>Hanover Stock Exchange/Oekom Research</td>
</tr>
<tr>
<td>Green Power Leadership Club</td>
<td>U.S. EPA</td>
</tr>
<tr>
<td>Top 30 Tech Telecom List</td>
<td>U.S. EPA</td>
</tr>
<tr>
<td>MSCI KLD 400 Social Index</td>
<td>MSCI</td>
</tr>
<tr>
<td>MSCI Intangible Asset Rating: A</td>
<td>MSCI</td>
</tr>
<tr>
<td>Greater Austin Business Award – Environmental Leadership</td>
<td>Austin Chamber of Commerce</td>
</tr>
<tr>
<td>Austin Green Business Leaders Program, Platinum Certification</td>
<td>City of Austin</td>
</tr>
<tr>
<td>Bicycle Friendly Business, Bronze (Fort Collins, Austin and Sunnyvale)</td>
<td>League of American Bicyclists</td>
</tr>
<tr>
<td>Pacesetter Excellence in Commuter Options (ECO) (Boston Design Center)</td>
<td>MassRIDES</td>
</tr>
<tr>
<td>Clean Air Partners</td>
<td>CLEAN Air Force of Central Texas</td>
</tr>
<tr>
<td>Climate Wise Partner, Gold Level (Fort Collins)</td>
<td>Climate Wise, City of Fort Collins</td>
</tr>
</tbody>
</table>

Table 2: 2013 AMD Awards, Rankings and Ratings

Read more about the awards presented to AMD on our website.
CHAPTER II: STAKEHOLDER ENGAGEMENT

AMD’s stakeholders include employees, customers, stockholders, social investment analysts, our local community, our suppliers, non-government organizations (NGOs) and others. Each group has followed our progress and plans on corporate responsibility over the years, and we use targeted communications to provide them with relevant information in the most efficient and effective way.

Stakeholder Engagement Panel

Working with Ceres, an award-winning, non-profit group focused on business and sustainability, AMD has an established stakeholder advisory panel. Interactions with this panel provide AMD with valuable insights and perspective on how to improve our corporate responsibility strategies, communications and performance. Our goal is to engage with these experts on a regular basis over the long term. AMD believes that long-term engagement helps build a deep understanding of our company and our industry. Similarly, AMD gains meaningful knowledge about the expectations of stakeholder groups outside our company. We use this input to continuously improve our corporate responsibility programs.

Recent Stakeholder Engagement

In November 2013, the stakeholder panel met with AMD’s CR Council to provide input on AMD’s progress in the areas of power efficient technology, supplier responsibility and human rights. The panel provided feedback on areas for prioritization, goal-setting and collaboration. The discussion was robust, candid and extremely valuable input for AMD. Many issues were discussed and AMD continues to incorporate the feedback into our programs.

Overall, the stakeholder team commended AMD for its continued commitment to sustainability issues despite a challenging business environment, and noted that AMD can be a role model for other companies in similar types of business transitions. Much of the discussion on energy-efficient technology centered on the need for the IT industry to engage in policy issues such as climate change and standardized metrics across products. There was strong support for AMD’s engagement with its suppliers such as improved disclosure on the performance of AMD’s wafer foundries, as well as AMD’s leadership on conflict minerals. With AMD’s role of Chair of the EICC, the stakeholder panel also encouraged AMD to continue to play a key role in increasing the level of accountability across the coalition.

While we will not be able to implement every stakeholder suggestion, we consider all feedback important and report back on our progress and actions in subsequent meetings. Additional communications with our stakeholder panel and other stakeholder groups will continue in 2014. Feedback from all stakeholders can be made at any time via our website.

Multi-Stakeholder Dialogue on Conflict Minerals

AMD has been a leader in bringing together NGOs, companies and socially responsible investors on the serious and complex issue known as “conflict minerals.” By co-chairing a multi-stakeholder coalition with the Enough Project, a well-known NGO focused on human rights issues in Africa; AMD has helped forge consensus recommendations on the policy for this issue. For more information on AMD’s actions
related to conflict minerals, please see the Conflict Minerals in the Supplier Responsibility section of this report.

Employees

AMD employees are our most important stakeholder group. We know that employees – especially younger employees and job seekers – are increasingly seeking employers with values matching their own. We periodically survey our employees worldwide to understand their overall satisfaction, specifically asking them about their impressions of our corporate responsibility programs. Our last employee survey was completed in 2013. We invited 100 percent of our employees to participate and 82 percent responded. Among other positive results, it was gratifying to learn our employees have a very high level of satisfaction with AMD corporate responsibility programs. The responses on AMD’s corporate responsibility programs received an average of 81 percent favorable responses for all employees surveyed. This was the second highest approval rating of any question asked in the survey and had the least negative responses of the top five most-approved issues in the survey.

By analyzing the survey results across various dimensions such as age, location, business unit, seniority, tenure etc., we plan to tailor our corporate responsibility programs to further engage AMD employees. We will measure our success through subsequent versions of this survey with a goal to improve the approval rating six points by 2015.

Employee Engagement Opportunities

We believe there is a strong link between employee engagement and corporate responsibility. Data show that employees who say they have the opportunity to make direct social and environmental contributions through their job report higher satisfaction levels than those who do not, by a 2:1 ratio\(^1\). Corporate responsibility is the connection between the fulfillment that comes from supporting a meaningful cause and engagement in the workplace.

Respect for others and contributing to our communities are cornerstones of the AMD culture. We support our employees’ desire to help others through a number of programs ranging from our employee-driven “Green Teams” and “Go Green” commuter program to the AMD Women’s Forum, our volunteer opportunities and awards based on corporate responsibility themes.

Employee Communication Channels: While there is no minimum timeframe for notifying our employees, AMD makes every effort to inform employees of significant operational changes that could affect them in a timely manner using the following communications channels:

> AMD’s intranet site—accessible to any AMD employee
> Leadership communications—our leaders consistently cascade communications through the entire company and within their organizations using webcasts, emails, town-hall meetings and other methods
> Employee-Management Communication—AMD leaders utilize a variety of means, including open forums and webcasts, to engage in dialogue between management and employees

Social Investment Analysts, Customers and Peers

AMD actively engages with the socially responsible investment (SRI) community. In 2013, AMD held an online investor engagement session on our corporate responsibility strategy and performance. In February 2014, AMD also conducted an “SRI Roadshow” to meet in-person with leading environmental, social and governance research firms, and socially responsible investors. In these meetings, we reviewed AMD’s policies, priorities and performance as well as gathered feedback.

In addition to direct outreach to the socially responsible investor community, SRI representatives are members of our formal stakeholder panel. In addition, AMD has worked closely with SRI representatives in developing consensus recommendations on conflict minerals policy in the United States and Europe. In 2014, we plan to continue our engagement with the SRI community.

Customer events and activities in 2013 included the following:

- Industry events
- Media and analyst briefings
- Customers and partner events (trainings and roundtables)
- Customer meetings and business reviews
- Customer’s environment and social responsibility surveys

Sustainability Indexes

AMD has been a component of the Dow Jones Sustainability North America Index every year since its inception in 2005. We are also listed on the Calvert Social Index®, the Global Challenges Index and the Morgan Stanley Capital International (MSCI) KLD 400 ESG Social Index. In 2013, AMD received a “prime” classification from Oekom Research and an “A” MSCI Intangible Asset Rating. These indexes and ratings recognize companies with proactive policies and practices that meet globally recognized sustainability standards and challenges.
CHAPTER III: PRODUCT STEWARDSHIP

AMD designs technology that powers millions of intelligent devices, including personal computers, tablets, game consoles, controllers and cloud servers. We strive to provide products that help our customers address modern computing workloads while minimizing environmental impacts throughout the product lifecycle. We focus on the following areas:

> Energy-efficient computing
> Product content
> End-of-life extension
> Product packaging

Energy Efficient Computing

AMD is dedicated to providing cutting-edge technology along with innovation in low-power and energy-efficient computing. We work with other organizations dedicated to our vision of reducing energy use and making computing more environmentally friendly. These include industry partners, governments, nonprofit standard setting groups and research institutions.

HSA Foundation

The HSA Foundation (HSAF) was formed as an open industry standards body to unify the computing industry around a common approach to HSA. HSA is an intelligent computing architecture that enables the CPU, GPU and other processors to work together in harmony on a single piece of silicon by seamlessly moving the right tasks to the best-suited processing element. The possibilities created by heterogeneous computing are groundbreaking – from flawless HD videoconferencing to heretofore unimaginable display clarity to real-time language translation and interpretation – all in lower-power envelopes for smaller form factors with longer battery life.

Benefits of HSA: The HSA team at AMD analyzed the performance of “Haar Face Detect,” a commonly used analysis algorithm to identify human faces in a video stream. The team compared a CPU/GPU implementation in OpenCL™ against an integrated HSA implementation. By assigning each part of the workload to the most appropriate processor with minimal dispatch overhead, the HSA version seamlessly shares data between CPU and GPU without memory copies or cache flushes. The net result was a 2.3X relative performance gain with 2.4X less power consumption. This level of performance is not possible using only CPUs, GPUs or even combined CPU and GPU with today’s driver model.

Open Compute Project

The Open Compute Project is committed to minimizing the environmental impact of infrastructure technology and energy consumption through continued evolution in energy and material efficiency. While traditional data center design often occurs in siloed components — a building, servers and software — the Open Compute Project evaluates the influence of all components within the data center ecosystem, leading to optimized energy and material use as well as reduced environmental impact. At the January 2014, Open Compute Summit, AMD showcased a development platform for its first 64-bit
ARM-based server CPU and contributed a new microserver design that is compatible with the common-slot Open Compute architecture specification dubbed “Group Hug.”

**Standards**

AMD works closely with environmental sustainability standards to address environmentally sustainable and responsible design, manufacturing, operations and end-of-life management. One such set of standards comes from Institute of Electrical and Electronics Engineers (IEEE) in support of EPEAT® (the Electronic Product Environmental Assessment Tool). EPEAT is an environmental rating tool developed through collaborative efforts of stakeholders from business, government, nonprofits and academic institutions. EPEAT® aims to help purchasers evaluate electronic products on the basis of sustainability guidelines covering a wide range of measures.

AMD is also an active contributor to government energy efficiency standards, such as the United States EPA ENERGY STAR® program and its analogs around the world. AMD participates and, in some cases, manages standardization efforts for environmental aspects of technology. For example, AMD has led efforts in the International Electrotechnical Commission (IEC) Technical Advisory Groups. AMD believes the most effective sustainability practices and measures are achieved by working closely with stakeholders to create effective and lasting, open, international technology-neutral standards.

**Lifecycle Analysis**

AMD processors influence the power consumption and the accompanying GHG emissions associated with the use of a broad range of technology products. From high-performance computers and commercial servers, to consumer laptops, tablets and game consoles, AMD strives to improve energy efficiency per unit of performance through the design of our semiconductor products.

In 2013, we continued to evaluate the GHG emissions associated with the lifecycle of our products by working with researchers at Massachusetts Institute of Technology (MIT) and other technology companies. The researchers use the “Product Attribute to Impact Algorithm” (PAIA) to evaluate the carbon footprint of semiconductor devices.

For more information on AMD’s initiatives, and industry and business associations, please see the Public Policy section of this report.

**AMD Products and Technology Platforms**

The energy efficiency of AMD’s semiconductor products has continued to improve as measured by the energy used per compute capability. Over the past six years, AMD mobile platform typical energy use has dropped almost 60 percent while compute capability has improved nearly 4.5-fold.

**AMD APUs**

To meet the graphics, compute and energy efficiency needs of modern client and data center workloads, AMD launched a new class of processor, the Accelerated Processing Unit or APU in 2011. In 2013, AMD improved functionality and introduced the first full system on a chip APU. In early 2014, the first APUs with HSA features were introduced to the market. AMD’s current APUs integrate a CPU with a
discrete-level graphics processor onto a single chip with up to 12 compute cores (4 CPU and 8 GPU) capable of running at least one process in its own context and virtual memory space, independently from other cores.

HSA features support an intelligent computing architecture that enables the CPU and GPU to work in harmony by seamlessly streamlining right tasks to the most suitable processing element, resulting in both performance and efficiency benefits for many mainstream applications. An advanced memory architecture called hUMA benefits power efficiency by enabling the GPU’s full access to the entire system memory and the CPU and GPU to seamlessly share data.

Desktop, Notebook and Tablet Products

Computing devices continue to evolve and add new features such as gesture, voice and facial recognition, wireless connectivity directly to televisions and monitors, and streaming video. The current generation of AMD processors with HSA helps enable these features while offering improved energy efficiency when compared to previous generation technology. AMD is currently supporting our customers in qualifying their products using HSA technology to the new United States EPA ENERGY STAR® Version 6.0 computer specification. Below are a few examples of the energy efficiency performance of AMD’s latest products:

- AMD’s “Kabini” mainstream mobile processor increases both CPU and graphics performance while decreasing power consumption compared to previous generation “Brazos” products and is up to 25 percent more energy efficient.
- AMD’s latest A8 and A10 Trinity APU’s for desktops offer greater power efficiency than our previous generation technology and consume as little as 1.08 W of power in idle mode.
- AMD latest technology supports Windows 8 Connected Standby or AMD Start Now 3.0 technology that allows computers to resume from the sleep mode in approximately 1.3 seconds.
- AMD supports the out-of-band computer management and wakeup. Out-of-band management offers enterprises the ability for remote power management of the computers in their network enabling even greater power savings.

Server Products

An exponential increase in demand for compute, networking and storage in the data center is being driven by growing numbers of devices and applications being hosted on the cloud. AMD server technology supports a variety of datacenter workloads, including virtualization, web/cloud, IT infrastructure, big data analytics, HPC (high performance computing) and multimedia while minimizing consumption of power.

AMD Opteron™ Series Processors: As part of the fifth annual Open Compute Summit held in February 2014, AMD’s Corporate Vice President and General Manager for Server Products Andrew Feldman announced that the company is preparing to sample its new eight-core ARM SoC (codename: Seattle). This product is the first 28nm 64-bit ARM-based processor for servers. Due to their energy-efficient design, Feldman estimated that ARM cores could account for up to 25 percent of the datacenter market by 2019.
Energy consumption continues to be an important design consideration for multi-core X-86 AMD Opteron™ processors for servers. The AMD current generation “Warsaw” Opteron™ 6300 series processors for 2P and 4P servers offer a 15-40 Watt decrease in thermal design power compared to the previous generation processors.

AMD Opteron™ processors incorporate power management technology designed to address the energy efficiency needs of data centers, ranging from cloud computing environments to high-performance computing. This includes AMD-P technology, a suite of advanced features that can help reduce energy usage by keeping processor power consumption down when all of the processor logic is not required by a given workload.

In cloud computing environments, peak workload periods must be handled efficiently, and power consumption should be reduced during low utilization periods. Multi-core AMD Opteron™ processors incorporate enhanced AMD Virtualization™ (AMD-V™) technology with power management features to address these needs, helping cloud data center operators perform server consolidation, increase utilization rates and reduce overall power and cooling requirements.

**AMD SeaMicro Servers:** Power consumption has become an important component of the environmental footprint and total cost of ownership of a data center. Server workloads have become increasingly variable, and as a result, a one-size-fits-all approach to handling these workloads is not an effective way to address power concerns.

In response, AMD’s SeaMicro servers utilize a disaggregated server architecture allowing both large and small data center operators to optimize their hardware performance for their specific applications. This is enabled by use of a fabric-based architecture, AMD’s Freedom Fabric™ that connects SeaMicro server energy savings result from a number of technical innovations including:

- AMD’s SeaMicro Freedom Fabric™ is able to replace all of the cables, inside and outside the server with a patented ASIC that handles all the compute, storage and networking traffic. For a cloud deployment this unified design provides ultimate flexibility such as the ability to add storage on demand.
- AMD’s CPU I/O technology significantly reduces the power draw of all but three components on the motherboard (CPU, DRAM and AMD Freedom™ Fabric ASIC).
- Motherboards are further power-optimized with AMD TIO technology that shuts off unneeded CPU and chipset functions.

**Graphics Products**

AMD implements power management features in our consumer and FirePro professional graphics processors. For example, AMD PowerPlay™ technology manages graphics power states (voltage and frequency) based on active workloads, allowing the GPU to function in the lowest possible power state for a given computing requirement. AMD ZeroCore Power Technology shuts down the GPU when the computer enters long idle periods, which can enable more than 95 percent reduction in GPU power consumption during this state. AMD’s Enduro™ technology automatically turns off the AMD Radeon™
discrete GPU for non-intensive applications to help increase battery life and the time between battery charges.

**Embedded Systems**

Embedded technologies are used in diverse applications ranging from digital signage, set-top-boxes, telecom devices, thin clients, industrial controllers, gaming machines, medical testing applications and storage. AMD Embedded Solutions give designers the flexibility to design energy conservation into their systems without compromising application performance, compatibility, graphics performance or features. AMD’s embedded and semi-custom APUs combine the parallel processing capabilities of a GPU with the serial processing capabilities of a CPU in a small footprint with low power.

**Leading Edge Technologies in Development**

AMD invests in research and development efforts that are helping to define the future of energy efficient and low-power computing. An example is the ongoing research with the U.S. Department of Energy (DOE) to help design the next generation of supercomputers. This multi-year project, known as “DesignForward,” seeks to accelerate the research and development of critical technologies needed for extreme-scale computing, on the path toward Exascale computing. Exascale supercomputers are expected to perform computation hundreds of times faster than today’s fastest computers, with only slightly higher power utilization. Exascale supercomputers are designed to break through the current limitations of today’s supercomputers by dramatically reducing the length of run time required to perform calculations and improving the capability to perform detailed simulations, modeling and analyses of complex systems. Read more about DesignForward on AMD’s webpage.

**Product Content**

AMD works to minimize the environmental impact of the materials used in our products during their lifecycle. We collaborate with suppliers, customers, other semiconductor companies and industry consortia to identify and address chemical hazards during product development, production, use and ultimate disposal. Outlined below are some of the actions taken to address hazardous materials:

**Lead**

Lead in electronic products has been restricted by regulation in a number of countries over the past several years. AMD began formulating a strategy to address lead and other substances of concern more than 10 years ago. We have introduced “Lead-Free” CPU and APU products to the market and offer products compliant with the Restriction of Hazardous Substances (RoHS) in electronics requirements of the European Union (EU), China and other countries. While small amounts of lead are still in use in some limited applications exempted by regulations, in 2013 AMD continued to research no-lead alternatives for those applications. View AMD’s RoHS Compliance Statement on our website.

**Halogens**

Halogens refer to a class of chemical compounds containing one or more elements in the halogen family (such as chlorine or bromine). Some materials containing halogens are linked to environmental and

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1 To qualify as “Lead-Free,” a part/product must not contain more than 1,000 parts per million (ppm) of lead within any homogeneous material.
health concerns by some stakeholders. In response, AMD has developed a strategy to identify halogen-free alternatives for existing materials in our products. Beginning in early 2009, AMD introduced new microprocessor and graphics products that are “Halogen-Free.” AMD’s APU processors “Kabini,” “Richland” and “Temash,” introduced in 2013, as well as our most recent processors for gaming consoles are all Halogen-Free.

**REACH**

Since the transfer of our wafer manufacturing assets in 2009, much of the compliance requirements for EU’s Registration, Evaluation, Authorization and restriction of Chemical substances (REACH) regulation are handled by our supply chain partners. Nevertheless, we continue to track developments and collaborate with our supplier partners in order to address REACH requirements. For example, AMD issued a supplier specification requiring the identification and restriction of chemicals that are regulated under REACH, including phthalate compounds and other substances recently identified for phase-out under Annex XIV of the regulation.

**Conflict Minerals**

AMD’s [conflict minerals](#) efforts are discussed in Chapter V: Supplier Responsibility.

**End-of-Life Extension**

AMD products can also help extend the life of computing platforms, thus reducing electronic waste. In many cases, AMD chips are “backwards compatible” with previous generation AMD chips. For example, AMD Richland desktop platforms utilize the same socket as our previous generation products. This means that processor upgrades can occur while avoiding hardware replacements and the associated waste. To proliferate this efficient approach, AMD participates in the [Open Compute Project](#) that encourages the use of open, standardized server platforms.

**Product Packaging**

Packaging can refer to the materials used to ship our product as well as the protective coating around a semiconductor chip. The focus of this section is on packaging materials used for shipping and handling our products.

AMD specifies the packing materials used for our products, including recyclability of materials and use of recycled content. Our packaging designers continuously seek out environmentally preferable packing materials and methods to minimize packing that meet our needs for product protection, cost, material properties and compliance with industry standards.

Our packaging requirements limit the presence of certain heavy metals, such as lead and cadmium; include marking plastic parts with the appropriate Society of the Plastics Industry (SPI) International Resin Codes for recycling; and include the use of water-based inks and dyes. AMD no longer uses PVC

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1 Halogen-free is defined as complying with the restriction of brominated and chlorinated compounds per the IEC 61249-2-21:2003. To qualify as “Halogen-Free,” a part or product must not contain concentrations of bromine or chlorine above the threshold level (900 ppm bromine or chlorine individually, or 1500 ppm for total bromine and chlorine) for each homogeneous material within the part or product.
in any of our packing materials, and incorporates the use of unbleached cardboard and clay-coated news back (CCNB).\(^1\)

In 2008, AMD started the transition from wooden pallets to plastic pallets for product transportation because plastic pallets are more readily reused and recycled. In 2013, the use of the lighter plastic pallets resulted in an approximate reduction of 687,193\(^2\) pounds of CO\(_2\) savings (equivalent to the carbon in 439 old growth trees) and an estimated freight cost savings of $193,000.

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\(^1\) CCNB is recycled paperboard that is clay-coated on one side.
\(^2\) Emissions and cost savings estimates provided by pallet vendor.
CHAPTER IV: AMD TECHNOLOGY: ENABLING TODAY, INSPIRING TOMORROW

AMD’s thousands of engineers and professionals around the world are passionate about the technology we create and the applications it enables that make the world a better place, today and tomorrow. Our technology is one of the fundamental elements enabling the Internet, as well as a whole range of computing products that consumers, businesses, nonprofits and other organizations around the world rely on. In fact, AMD technology is being used to help address some of the world’s most pressing challenges. From enabling cloud computing and a new generation of interconnected devices, to advancing healthcare, to providing new ways to engage students and teachers in learning, AMD employees and the technology we produce are making a positive difference in people’s lives and the world around us.

Making Cloud Computing More Environmentally Sustainable

Green Computing: AMD’s Private Cloud

AMD’s private cloud is one of the largest internal cloud computing infrastructures in the world. It is used by our engineers around the world to design future generations of AMD processor solutions. Optimized for both performance and power management, this network consists of tens of thousands of AMD CPUs with more than four petabytes of storage. With an operation of this size, energy efficiency and power management are essential for performance management, lowering energy costs and managing our carbon footprint.

AMD began its data center consolidation project in November 2012 by transitioning more than 3,500 servers from Austin, Texas to near Atlanta, Georgia. By compressing rack space by 45 percent and virtualizing 87 percent of non-GRID servers, the project achieved an annual energy savings of 10 GWh, avoiding 4,700 metric tons in CO₂ emissions and $730K in electricity costs.

In addition to reducing AMD’s carbon footprint, the project improved IT performance by upgrading over 75 percent of applications to take advantage of newer hardware, and upgraded the corporate services infrastructure to take advantage of newer platforms, routers, networking and firewall equipment. The larger private cloud helped AMD save millions of dollars and increased productivity and efficiencies for its engineers.

AMD’s commitment to data center efficiency and sustainability goes well beyond reducing energy consumption. We are also committed to using renewable energy when available and feasible. The Georgia datacenter was awarded a Leadership in Energy and Environmental Design (LEED) Commercial Interiors certification from the U.S. Green Building Council (USGBC), and was powered by 100 percent renewable wind energy in 2012 and 2013.
AMD and Verizon Co-Develop a Revolutionary Public Cloud Platform

Verizon provides business solutions to customers in more than 150 countries, including 99 percent of the Fortune 500. They operate America’s largest 4G wireless network and provide services over America’s most advanced fiber-optic network.

With enterprise adoption of public cloud services at 10 percent, Verizon identified a need for a cloud service that was secure, reliable and highly flexible with enterprise-grade performance guarantees. While researching the technology required to develop an enterprise-class cloud service, Verizon came to the conclusion that it was not possible using off-the-shelf servers, and created a partnership with AMD to collaborate on new cloud technologies. Work focused on leveraging AMD’s SeaMicro SM15000 server and the SeaMicro Freedom™ fabric’s integrated networking capabilities to eliminate top-of-rack switches, terminal servers and thousands of cables to reduce deployment time and errors.

Verizon spent over two years identifying and developing software using AMD’s SeaMicro SM15000, the industry’s first and only programmable server hardware. Designed specifically for enterprise customers, the new services allow companies to use the same policies and procedures across the enterprise network and the public cloud. The close collaboration has resulted in cloud computing services with unheralded performance-level guarantees offered with competitive pricing.

“We were able to develop a cloud that is faster, lower cost, more secure and more reliable than anything that is available in the market today.” — John Considine, CTO - Verizon Teremark.

Read the Verizon case study on AMD’s SeaMicro website.

Livestream Reduces Energy Use of Datacenter

Livestream provides event owners a complete set of hardware and software tools to share their live events with a growing community of online viewers. The company selected AMD’s SeaMicro SM15000 high density servers for their datacenter.

As Livestream experienced rapid growth, it realized that scaling its data center was a strategic part of the business plan, but due to power restraints they were not able to expand the number of servers in their data center. The company evaluated many different servers from the leading vendors, but they did not have the density, power efficiency or the computing power needed. After rigorous testing and evaluation, Livestream selected the SeaMicro SM15000 high density server because it was optimized for Internet applications, reduced power consumption by 50 percent and provided the computing power to transcode live video.

The business case was straightforward and factored in costs such as space, power and network requirements. The overall analysis showed significant savings compared to solutions from the other leading server vendors. AMD’s SeaMicro solution also provided power savings that qualified Livestream for a grant from the New York State Energy Research and Development Authority (NYSERDA).

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The SM15000 allowed Livestream to double its computing capacity in their data center and retire energy inefficient servers. Additionally, they were able to add server capacity without adding more space or power usage. With over 30 million unique viewers each month, a server infrastructure that is reliable and efficient is paramount to their success. With AMD’s SeaMicro SM15000, Livestream is able to scale its service offering profitably in line with their customer growth.

“SeaMicro technology … allows [Livestream] to reduce power consumption and the resulting cost savings goes straight to our bottom line. The SeaMicro SM15000 server also allowed us to double our computing capacity while at the same time, retire our energy inefficient servers.”—Thomas Bonnin, Chief Architect, Livestream

Read the Livestream case study on AMD’s Customer Reference website.

Advancing Healthcare

Dental Assistance Devices – 3D Virtualization

Like many technologies in the healthcare domain, the dental assistance device market is moving quickly to embrace 3D visualization at the point of care. A new generation of video- and graphics-optimized touchscreen panels can now be attached to dental chairs for use by dentists and patients alike.

In the dental domain, these devices equip dentists to assess patients’ dental imagery with much greater accuracy and process efficiency while simultaneously providing new levels of visual detail to their patients. Where previously patients struggled to understand diagnoses and treatment recommendations made on the basis of static 2D renderings, they now have a much clearer view of the treatment area and care methodology. When paired with integrated, hand-held intraoral cameras, these devices can provide real-time dental visibility far beyond the coin-sized, one-way reflection of a dentist’s mirror.

In day-to-day operation, dental assistant devices with multimedia and 3D visualization capabilities can enhance care and streamline processes at every stage of the patient visit. Beginning with pre-session hygiene mode, the device can provide on-screen guidance that prompts the dental assistant through legally mandated water flushing procedures that help prevent bacteria aggregation in the system. During the patient session mode, dentists can utilize a USB-attached intraoral camera—which includes a supplemental foot-switch for hygienic, hands-free operation—and access historical patient data in real-time, swiping, rotating and zooming the touchscreen interface to view diagnostics data and manipulate 2D images and 3D CT scans with ease. During session downtime, the system can display entertainment programming, educational information or advertising content at the dentist’s and/or patient’s discretion.

These capabilities require a very high level of processing performance, particularly the high-speed 3D graphics rendering, with tight hardware/software integration to ensure a high quality user experience. The underlying processing platform must strike an optimal balance of processing performance, 3D acceleration, interoperability with back-office IT infrastructure and patient management systems, and power and cooling efficiency. For White Lion Technologies’ Vision U visual dental assistant devices, currently available with Ultradent dental chairs, this balance was achieved using AMD Embedded G-Series accelerated processing units (APUs).

1 http://web.amd.com/assets/CustomerReferenceProgramPackage2012/53214A
“Dental assistant devices equipped for multimedia and 3D visualization provide new levels of visual details to help patients understand diagnosis and treatment recommendations. As would be expected, these capabilities require a very high level of processing performance. AMD’s embedded APUs with a single chip combination of CPU and GPU provide an optimal platform for high-speed and high-quality visualization.” —Dipl. Phys. Richard Freitag, White Lion Technologies

Read the White Lion Technologies case study at mdmag.com.

World’s First 3-D Structural View of the Human Ribosome

The Gene Center of the University of Munich (Ludwig Maximilians University, or LMU) is a leading life sciences research center. The research requires intensive computational capability that has traditionally been only found in custom built, highly expensive HPC clusters or supercomputers. As LMU grew, and as the number of research projects increased, additional computing capacity was required. HPC clusters were one option, however, due to the complexity and operational overhead, a more integrated solution was desirable. One of the key criteria was the highest computing capacity in the densest form factor fitting within this power budget. After extensive testing and analysis, the SeaMicro server was selected due to its power efficiency, computing density and the ability to deliver supercomputer performance at a fraction of the cost.

AMD’s SeaMicro servers have accelerated the Gene Center’s research in understanding biomolecular structures and have resulted in the acceleration of research related to analyzing the ribosome of higher eukaryotes, such as humans. The findings were published in the May 2013 edition of the prestigious journal Nature in an article titled, “Structures of the human and Drosophila 80S ribosome.”1 Using over 800,000 images to create a 3-D image, the researchers discovered that metazoan-specific ribosomal RNA and ribosomal proteins co-evolved and revealed the presence of two additional structural layers in metazoan ribosome. The findings advance the understanding of how bacteria ribosomes can be broken down without harming human ribosomes, similar to how some antibiotics work.

Read the LMU case study on AMD’s SeaMicro website.

Enabling Education

APU-powered notebooks to students

Uttar Pradesh (UP) is the most populous state in India with 200 million people and fifth largest Indian state by area. The UP government has identified education as a priority with a vision to distribute laptops to all graduating high school students. In a country where only 10 percent of households are equipped with PCs, this is meant to help close the digital divide.

In February 2013, HP was awarded a $450 million contract for the supply of 1.5 million notebooks powered by AMD APU technology. Distribution began in 2013, and this project has led to HP supporting 1,400 jobs over the duration of the project and investments in the set-up and management of over 300 service centers throughout the state.

“We consider the Uttar Pradesh government’s distribution of 1.5 Million APU-powered HP notebooks to students a model case study on digital inclusion and youth empowerment, and one of the largest IT projects being undertaken in this space on a global basis.” — Vinay Awasthi, Vice President, APJ Business PC Systems, HP.

UTSA Research Cloud

The University of Texas at San Antonio (UTSA) is the second largest university in Texas, and continues to develop capabilities that will lead to recognition as a premier research institution. UTSA selected AMD’s SeaMicro SM15000-OP high density servers to create a computing cloud to help enable breakthrough discoveries; attract superior faculty and students; increase competitiveness for research funding, and expand access to cloud computing resources.

State-of-the-art computing is becoming the foundation for advancing superior research, now and in the future. Research projects today increasingly require interdisciplinary collaboration, large amounts of data storage and advanced computational capabilities. Procuring and managing computing and storage infrastructure creates overhead that takes up valuable time and energy from a research team’s staff. With cloud computing, researchers are freed from the burden of managing IT equipment and can focus on their research. This new deployment allows the broader UTSA community to realize the benefits of cloud computing by making it more widely available and easier to use.

The AMD SeaMicro selection also helped the university overcome an additional challenge. Computing and storage requirements for research vary greatly. Some applications are compute intensive and require little storage, while others have the exact opposite requirements. Traditionally, the challenge has been that expanding a data center required deploying more servers, which meant expanding compute, storage and networking. The SM15000 server overcomes this limitation by allowing storage, compute and networking to be expanded or upgraded independently. This provides a tremendous advantage to UTSA since their computing and storage needs vary from project to project.

“World-class computing advances UTSA’s cutting-edge research and discovery of new knowledge. As an emerging research university, this project supports our mission of providing world-class education, outstanding research and economic contributions to the region.” — C. Mauli Agrawal, Dean, UTSA, College of Engineering

Read the UTSA case study on AMD’s SeaMicro website.

Enabling Surround Computing

The era of Surround Computing will bring many advantages to the world including more intelligent, connected devices that anticipate our needs and enable realistic, natural communication. Gartner\(^2\) reports there will be 30 billion connected things by 2020. As an increasing number of these devices are plugged in and connected to the Internet, more data will be generated, which in turn increases power consumption to process and store the data. AMD is helping to address this issue by curbing power consumption at multiple points, from the data center, to embedded and mobile devices.

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Green Supercomputing

Supercomputers are being used by scientists to help advance research in healthcare and climate change, and to optimize clean energy technologies around the world. Historically, supercomputers were all about being fast, not energy efficient. Today, AMD and our partners are making supercomputers that are not only being used for advanced research on important environmental issues; but are being recognized as energy-efficient.

The Green500 ranks the most energy-efficient supercomputers in the world. In 2013, a supercomputer (SANAM) was ranked 4th in the world on the Green 500 list, using the AMD FirePro™ S10000 GPU accelerators.
CHAPTER V: SUPPLIER RESPONSIBILITY

Our goal is to deliver high-quality products while ensuring that working conditions throughout our supply chain are safe, that workers are treated with respect and dignity, and that manufacturing processes are environmentally responsible. We believe the most effective and efficient way to achieve these goals is by placing responsibility with the entities that have authority to institute and manage robust programs – our suppliers.

AMD incorporates corporate responsibility expectations into the same business processes we use for all supplier performance – the supplier business reviews (SBR). The SBR is the forum where senior leaders from both companies come together on a regular basis to discuss a broad range of topics relevant to our business relationship. Corporate responsibility is an integral part of these relationships and thus included in the SBR for all of AMD’s top-tier suppliers. To ensure our responsibility standards are being accomplished, we set clear expectations, ask our suppliers to report on their performance during SBRs, and review third-party audit information.

Policies and Practices

Standards—AMD is a long-standing member of the EICC and currently serves as the Chairman of Board of Directors. We have adopted the standards within the EICC Code of Conduct and expect our suppliers to conform to them. Conformance to the EICC Code of Conduct is assessed annually for our manufacturing facilities, and we also require this of our major suppliers. High-risk facilities identified through this assessment program are required to undergo an EICC audit. In addition, AMD has also adopted the Principles of Social Responsibility issued by the Institute for Supply Management (ISM). Each year, we communicate our expectations to our top-tier suppliers for conformance to the Code, ISM principles or equivalent standards. In 2013, 100 percent of our major supplier facilities completed the EICC self-assessment questionnaire (SAQ) and no high-risk supplier facilities were identified.

Supplier Business Reviews (SBRs)—During SBRs, conformance to the standards are reviewed and discussed. Using the business review forum reinforces that social and environmental performance are important aspects of the business relationship and that our suppliers are responsible for their own performance.

Because wafer foundries make up a large portion of our supply chain, we have applied additional focus to them. AMD’s two major wafer foundry suppliers are GLOBALFOUNDRIES and Taiwan Semiconductor Manufacturing Company (TSMC). AMD has established quarterly reviews with each foundry during which we review environmental, safety and labor metrics, such as GHG emissions, energy use, water consumption, work hours, injury and illness data, and other information.

Continuous Improvement—Our Strategic Sourcing Process (SSP) rates and provides feedback on supplier performance. In 2013, social and environmental responsibility (SER) criteria continued to be qualitatively discussed in performance discussions with our top-tier suppliers. In 2012, we fully integrated SER into the quantitative supplier performance scores. Scorecards in 2014 will continue to
include SER criteria and will be reviewed in SBRs for key deliverables within SER initiatives. We also continue to work with our wafer foundry partners to establish additional SER objectives and targets.

**Supplier Performance Management**—AMD recognizes our suppliers that demonstrate leadership in performance, show continuous improvement and offer differentiated value. SER is an essential criterion in our supplier recognition program. Many of AMD’s top-tier suppliers are transparent about their corporate responsibility programs and issue annual reports following disclosure guidelines from the GRI. The following AMD top-tier suppliers have issued such reports and have granted AMD permission to provide links in this report:

<table>
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<th>AMD Top-Tier Supplier</th>
<th>Link to latest Corporate Responsibility Report (as of March 2014)</th>
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Conflict Minerals

The Democratic Republic of Congo (DRC) has been the site of one of the world’s worst humanitarian crises throughout the last decade. An estimated five million people have died as a result of violent conflict. Illegal armed groups and some Congolese national military units regularly commit human rights abuses while being supported by the trade of minerals.1

Some have linked this egregious situation to the trade in raw minerals from the DRC. The armed militias derive funding from the minerals trade thus enabling them to commit human rights abuses. This linkage has spotlighted the uses of minerals in everyday products such as mobile phones, computers and other electronics. In an effort to break the link between minerals trade and conflict in the DRC, a provision of the 2010 Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank”) requires certain companies using any of four minerals (tin, tantalum, tungsten and gold) to identify their mine of origin. By tracking and publicly reporting this information, the public can choose products that have no link to the conflict in Central Africa (in other words, are “conflict-free”). Through transparency and market pressure, the goal of the policy is to reduce or eliminate funding to armed groups creating conflict in the DRC.

Regulatory Requirements

The Securities and Exchange Commission (SEC) issued a final rule for tracking conflict minerals on August 22, 2012. This rule sets out the due diligence and reporting requirements for U.S. public companies for tracing the sources of tin, tungsten, tantalum and gold that are necessary to the functionality or production of their products. If these conflict minerals are found to originate from the DRC or an adjoining country (the “DRC region”), companies may be required to file an independently audited report with the SEC.

AMD’s Conflict Minerals Policy

Beliefs

AMD is taking steps to break the link between the trade in minerals and ongoing conflict and human rights abuses in Central Africa. To this end, AMD believes that an effective approach has three fundamental elements:

1. An “in-region” mineral certification program that enables the traceability and certification of minerals mined in the DRC region;

2. A conflict-free smelter program that enables third-party validation of each smelter’s sourcing practices and a determination of whether its sources are conflict-free; and

3. Due diligence to verify that tin, tantalum, tungsten or gold in AMD’s finished products can be traced to a conflict-free smelter.

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1General Accounting Office. The Democratic Republic of the Congo: U.S. agencies should take further actions to contribute to the effective regulation and control of the mineral trade in the Eastern Democratic Republic of the Congo. GAO 10-1030 report (September 2010).
Definitions
For the purposes of this policy, AMD uses the definition of “Conflict Minerals” found in the SEC conflict minerals rule. Conflict minerals generally consist of cassiterite, columbite-tantalite, wolframite and/or gold determined to be financing conflicts in the DRC region or an adjoining country. Finished metals potentially derived from Conflict Minerals in AMD products are tin, tantalum, tungsten and gold. For the purposes of this policy, these finished metals and the minerals from which they are derived are referred to as “Subject Materials.”

Supplier Requirements
1. AMD suppliers shall not knowingly contribute to conflict or human rights violations in the DRC region through trade in Subject Materials;

2. AMD suppliers shall have documented policies and procedures to demonstrate that the Subject Materials they procure are sourced in accordance with this policy; and

3. AMD suppliers, to the extent reasonably practicable, shall track the Subject Materials they supply to AMD to a smelter certified under the Electronic Industry Citizenship Coalition and the Global e-Sustainability Initiative (EICC/GeSI) Conflict-Free Smelter Program.

AMD Actions to Implement Policy
1. AMD is implementing procedures designed to ascertain the sources and conflict status of Subject Materials in AMD products;

2. AMD is a founder and supporter of the public-private alliance (PPA) for Responsible Minerals Trade focused on helping the DRC and other governments in the region break the link between the illicit minerals trade and the ongoing violence and human rights abuses, and;

3. AMD is an active participant in the EICC/GeSI Conflict Free Sourcing Initiative (CFSI). Through this collaborative approach we have developed a system for tracking the Subject Materials from the smelter through the electronics industry’s supply chain.

Progress and Transparency
AMD is working to identify the smelters and refiners (SORs) of origin within our supply chain for the Subject Materials utilizing the standardized tracing processes developed by EICC/GeSI. When sufficient numbers of conflict-free certified SORs exist, AMD will work with our suppliers to transition over to conflict-free sources. Given that SORs are several steps removed from AMD, full understanding of the conflict status of the Subject Materials in our supply chain will take some time.

As this understanding evolves, AMD will keep our customers and stakeholders apprised of our progress by publishing our EICC/GeSI conflict minerals reporting template. This template includes the tin, tantalum, tungsten and gold SORs that AMD suppliers have reported as of the revision date of the template. AMD will refresh this information annually, on or before the May 31 compliance deadline for submission to SEC. AMD will also issue updates to the template throughout the year with an anticipated cadence of each calendar quarter. For questions on conflict minerals, contact AMD at conflict.minerals@amd.com.
The conflict-free status of the smelters in our supply chain is shown below.

<table>
<thead>
<tr>
<th></th>
<th>Number of Smelters or Refiners Identified in AMD’s Supply Chain</th>
<th>Number of Compliant Conflict-Free Smelters or Refiners* Identified</th>
<th>Number of Compliant Conflict-Free Smelters or Refiners* in AMD Supply Chain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Identified.....</td>
<td>191</td>
<td>82</td>
<td>70</td>
</tr>
<tr>
<td>Tantalum (Ta)........</td>
<td>25</td>
<td>27</td>
<td>24</td>
</tr>
<tr>
<td>Tin (Tn)...............</td>
<td>59</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td>Tungsten (W).........</td>
<td>21</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Gold (Au).............</td>
<td>86</td>
<td>42</td>
<td>34</td>
</tr>
</tbody>
</table>

Information as of April 11, 2014.
*Includes smelters or refiners compliant with EICC Conflict-Free Smelter Program assessment protocols.

Table 3: AMD Conflict Minerals Status

Engaging Stakeholders and Taking Action Early

Although the mining of mineral ore in Africa is several steps removed from the manufacture of high-tech electronics, AMD has responded with a robust program within our own supply chain and leadership within the electronics sector.

Even before the passage of the Dodd-Frank law, AMD engaged with stakeholders from NGOs, SRIs, government officials and other like-minded companies. With the Enough Project (a leading NGO focused on the conflict minerals issue), AMD participated in a March 2014 United Nations event focused on preventing sexual violence as a tool or war in the DRC. As the sole industry representative on the panel, AMD articulated our company’s progress as well as the status of collaborative industry efforts.

AMD also co-chaired an Ad Hoc coalition focused on guiding conflict mineral policy. Dubbed the “multi-stakeholder group,” this team has delivered five letters to the SEC with consensus policy positions. Each letter was endorsed by approximately 25 organizations.¹

This degree of multi-stakeholder collaboration is unusual for any policy issue, but unprecedented on an issue as sensitive as conflict minerals. To our knowledge, the comment letters from this group are the only multi-stakeholder consensus positions received by the SEC, and were referenced in multiple instances in the final SEC rule.

In response to a lawsuit challenging the final rule, the multi-stakeholder group also issued a statement. Members declared their commitment to move forward with implementation efforts regardless of the

outcome of the legal challenge.

AMD has also engaged with multiple stakeholders in the development and launch of the PPA for Responsible Minerals Trade. As a founding member and sponsor of this effort, AMD has worked with the U.S. State Department and USAID on the framework of the organization and its goals.

The PPA aims to assist with the development of pilot supply chain systems that will allow businesses to source minerals from mines that have been audited and deemed to be conflict-free. The alliance will provide a platform for coordination among government, industry and civil society actors seeking to support conflict-free sourcing from the DRC.

**Leveraging Impact through Collaboration**

Working alone, it is impractical for a single company to materially impact conflict in the DRC. Collaboration is essential for companies to aggregate and align their efforts toward a conflict-free supply chain. AMD chairs the EICC, which is a leader in the development of standardized processes for conflict minerals tracking and smelter certification in the supply chain. AMD has also actively supported the development of the CFSI tools and processes.

In essence, the electronics compliance strategy can be characterized in three steps:

1. **Downstream** (from the final product to the smelter or refiner): A standard data template for retrieval of essential information in the supply chain.
2. **Smelters or Refiners**: The “conflict-free smelter program” conducts audits of the smelters or refiners of the four minerals to assure they originate from conflict-free sources.
3. **Upstream** (from the mine to the smelter or refiner): Working collaboratively to develop conflict-free sources of minerals through the PPA for Responsible Minerals Trade and/or other conflict-free sourcing programs in the DRC region.

AMD’s conflict mineral’s compliance program utilizes each of the above approaches. In addition, AMD continues to work with our customers and suppliers to shift our supply chain toward conflict-free sources.

**California Slavery and Human Trafficking Law**

The California Transparency in Supply Chains Act of 2010 (SB 657) (the “Act”) requires manufacturers and retailers doing business in the State of California to disclose information regarding their efforts to address the issues of slavery and human trafficking in their supply chains. In accordance with the requirements of the Act, AMD offers the summary below of our activities to identify and prevent human trafficking and slavery activities by our vendors.

**AMD Policies and Actions**

AMD strongly opposes the practice of slavery or human trafficking. AMD utilizes several approaches detailed below designed to ensure and verify the absence of such practices in our supply chain.
AMD is an active member and Chairs the EICC. AMD has adopted the EICC Code of Conduct and generally requires conformance with this code from its suppliers. The EICC Code of Conduct is based on international labor, environmental and human rights standards that clearly prohibit slavery and human trafficking.

**Risk-based supplier assessments:** As a part of AMD’s supplier management process, we assess our suppliers to evaluate their conformance to the EICC Code of Conduct. This approach includes preliminary risk assessments as well as more detailed supplier self-assessment questionnaires. The results of each method are scored utilizing the EICC scoring system to verify the suppliers’ risk of non-conformance.

**Supplier audits:** Based on the results of the risk assessment, AMD may require a third-party onsite audit of supplier practices and management systems to evaluate supplier compliance with the EICC standards including avoiding human trafficking and slavery in our supply chain and with applicable laws and regulations. These audits may be announced or unannounced depending on the circumstances.

**Supplier assurance:** Each year, AMD communicates with suppliers in writing to ensure our expectations are clear and up-to-date with regard to responsible social, ethical and environmental conduct. This letter requires suppliers to comply with international standards, applicable laws and regulations as well as the EICC Code of Conduct. Additionally, AMD’s standard terms and conditions for the procurement of goods and services require conformance to applicable laws and regulations, and reinforce our expectations regarding responsible social, ethical and environmental conduct.

**Accountability:** In addition to risk assessments and audits, AMD discusses conformance to the EICC Code of Conduct as well as related management systems with our suppliers during regular business reviews. Our supplier business reviews are the optimal venue for accountability with regard to responsible social, ethical and environmental conduct because senior management participates in these meetings and future business awards are at stake.

**Training:** AMD suppliers have access to information and training regarding conformance expectations through the EICC learning and capability activities.

**AMD Standards of Business Conduct:** AMD’s Worldwide Standards of Business Conduct establish mandatory rules and guidelines for AMD’s employees. These standards are substantially equivalent to the EICC Code of Conduct and specifically prohibit forced and compulsory labor practices. These standards apply to all AMD employees. Every AMD employee has access to, and receives mandatory training on these standards. In the event an employee violates these standards, AMD will take immediate and appropriate action, which may include termination of employment.

**Supplier Diversity**

In 2013, AMD maintained a robust Supplier Diversity program for U.S.-based spending, focused on the following areas:

- Measuring AMD spend with our registered U.S-based minority, small business, women-owned, veteran and Hub zone suppliers.
- Promoting small businesses and encouraging job growth in the United States by actively working within Supplier Connection, an initiative to allow small businesses to more easily apply to
become suppliers to large companies.

> Deploying our sourcing process to ensure that small and minority-owned businesses are given full competitive consideration with other bids for U.S. purchasing.

**Quality Management**

An extension of AMD’s customer-centric focus is the belief that customers should experience excellence when designing in, manufacturing with, or supporting systems that include AMD products.

The company uses a multidimensional and cross-functional approach to produce high-quality and highly reliable products. AMD’s quality management system incorporates supplier quality control, stringent raw material and manufacturing process control systems, and final testing to ensure operational consistency, efficiency and the ability to meet customer requirements. World Class Supplier, World Class Manufacturing, customer-quality and other quality processes drive continuous improvement in all aspects related to developing, manufacturing and supporting products.

In 2013, all AMD manufacturing sites were ISO 9001:2000 registered, and these registrations have been maintained over time. Certificates for AMD manufacturing locations are available on our [website](#).
At AMD, we seek to inspire generations of engineers to solve the world's most complex technological and global issues, and strong STEM (science, technology, engineering and math) skills are a key foundation for any engineering career. Investing in STEM education not only helps meet our demand for technically competent employees, but our signature STEM education initiative, AMD Changing the Game, also leverages our technology.

AMD Changing the Game, funded by the AMD Foundation, fosters collaboration between schools, private industry, NGOs and other organizations to advance STEM education in new and innovative ways. AMD Changing the Game has been implemented in seven regions around the world, including the United States, China, Malaysia, Canada, Europe, the United Arab Emirates and Brazil.

The program is designed to leverage young people’s interest in gaming to inspire them to learn. Instead of playing games, this program teaches kids how to create their own video games. Through the process of creating a game, students learn problem solving, critical thinking, language skills and teamwork, in addition to STEM skills. This can play an important role in motivating students who may otherwise have difficulty learning to become excited about school; it can also help them discover a new passion and future career. In fact, the use of technology education for learning STEM skills, including game design, has been shown to increase interest of middle school girls and minority students in pursuing STEM-related careers.1,2

The new NRC report, "Successful K-12 STEM Education: Identifying Effective Approaches in Science, Technology, Engineering and Mathematics," argues that STEM subjects are basic aspects of Americans' lives as citizens, consumers, parents and workers. Thus, providing today's students with access to high-quality STEM education is important to their future and the future of the country.

If this is true then students should be making every effort to improve their STEM learning, yet there just aren't enough students taking an interest in STEM. Perhaps this would change if they understood some of the real-world applications of STEM subjects.

By using age- and skill-appropriate tools, students in AMD Changing the Game programs learn the mechanics of game design and production, and are guided through the process of creating games. These are not the violent games that can worry parents; rather, the curricula focuses on developing games around important social issues such as energy conservation, healthcare and reducing poverty.

Educators agree that technology can be a powerful tool to improve learning. Research has also shown that high-tech environments can improve students' standardized test scores and decrease failure rates.3 Providing the technology that facilitates learning through game design is a critical part of AMD Changing the Game. Since its inception in 2008, AMD has funded 26 technology centers throughout the world ranging from mobile labs for the Girlstart To Go program and the Pontifical Catholic University Scalable

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2 Globaloria East Austin College Prep Academy 2010 annual report.
Game Design program, to technology centers for Boys & Girls Clubs of America and Canada, and middle schools in Austin, Texas and Beijing, China. During this same period, the AMD Foundation has awarded grants to fund more than 70 programs operated by 31 organizations around the world, for a total of nearly $6 million in support of the program. The grants have supported workshops, research, curriculum development and competitions for game design and development programs for youth.

In 2013, the AMD Foundation was named a Laureate of the International Data Group’s (IDG) Computerworld Honors Program, for the Foundation’s use of technology to promote and advance the STEM skills of youth around the world. The annual award program distinguishes organizations and companies that use technology to support and create positive social, economic and educational change. The AMD Foundation was selected based on its ability to provide a significant benefit to society through AMD Changing the Game.

Focus Areas

AMD Changing the Game is based on four major program elements to teach STEM skills:

Game Design—provides game design programs directly to students in AMD communities globally. These programs are focused on youth who may not ordinarily have access to technology and resources for pursuing STEM education. Game design activities funded since 2008 include:

- Creation and implementation of the Game Tech program at 10 chapters of Boys & Girls Clubs of America (BGCA) across the United States and four chapters of Boys and Girls Clubs of Canada
- Implementation of the World Wide Workshop Foundation’s Globaloria game design program for Southwest Key’s East Austin College Prep Academy, Texas
- Schmahl Science Workshop’s program to develop a sustainable fishing video game to communicate the danger of overfishing to long-term human survival
- Summer game design workshop in Abu Dhabi, UAE, with the Abu Dhabi Education Council
- Girlstart To Go summer game design workshops in Washington, California, Colorado and Texas
- Green Ribbon Schools after-school game design workshop and national game design competition
- Summer camp and after-school program with the Austin Film Society and the Austin Independent School District ACE Afterschool Program, Texas
- Summer and afterschool game design workshops at Dandelion Middle School, Beijing, China, and RDFZ School in Beijing, China
- Pontifical Catholic University Scalable Game Design program with three schools in Rio de Janeiro, Brazil
- York University summer and after-school game design workshops in Toronto, Canada
- Skillpoint Alliance Velocity Prep summer game design workshop and certification program at
Connally High School, Texas

**Competition**—demonstrates the innovative potential of today’s middle, high school and college students through participation in game design competitions. Activities have included:

- Co-sponsored the 2011, 2012 and 2013 [National STEM Video Game Challenge](#), a multiyear video game design competition inspired by the Educate to Innovate Campaign, President Obama’s initiative to promote a renewed focus on STEM education. The 2012 Challenge launched in partnership with Digital Promise, a new initiative created by the President and Congress, and supported through the Department of Education. The competition engaged middle school, high school, college and graduate level students and educators by challenging them to design original video games. Prize packages include funds for the winner’s school, AMD technology-based laptops and gaming subscriptions.

- Funded the Alliance for Young Artists & Writers video game design category for the 2010, 2011, 2012 and 2013 [Scholastic Art & Writing Awards](#).

- Funded the Green Ribbon Schools [Heathivores](#) Video Game Design Contest in the United States, a nationwide multiyear competition where students design video games around nutrition, exercise and healthy eating.

- Funded [Gamestar Mechanic](#) AMD Challenge competitions.

- Funded the Game Design category of the Boys & Girls Clubs Digital Arts Festival.

**Curricula**—accelerating the broad-based deployment of game design education through free online tools, lessons and tutorials. Activities funded since 2008 have included:

- The development of [Green Ribbon Schools](#) online game design curriculum targeting the subject areas of fitness and nutrition, math, science and technology.

- The development and subsequent upgrade of PETLab’s [Activate!](#) game design website and curriculum, available in both English and Mandarin.

- Development of the AMD Gamezone in Whyville, a learning-based online virtual world.

**Advocacy**—encouraging the adoption of game design as a tool for STEM education by policy makers and educators.

- Co-sponsored the Atlantic: Technologies in Education Forum in 2011 and 2012 in the United States, which brought together more than 250 high-level education policymakers, industry leaders and technology experts. Sessions focused on emerging policies and cutting-edge technologies available to educators, particularly those teaching science and math.

- In support of the [Educate to Innovate](#) campaign, in the United States in 2011 and 2012, AMD participated in [Change the Equation](#), a collaborative effort of industry leaders, the White House, state legislatures, education organizations and foundations dedicated to advancing STEM skills and STEM teaching at all grade levels through public-private collaboration. AMD chaired the Game On committee, comprised of industry partners and was tasked to identify ways to successfully integrate game design into youth STEM education curricula. The committee also
addresses state standards and assessments, technology innovation, key national business/education partnerships and the emerging use of game-based learning.

> In support of the **National STEM Video Game Challenge**, AMD and other sponsors reached out to tens of thousands of teachers, parents and students through workshops, newsletters, social media and webinars to provide information on the game design competition and the potential of game-based learning.

> AMD co-sponsored the **Games for Change Festival** in the United States from 2008 through 2012, and sponsored the 2011 and 2012 Games for Change Festival in Latin America. This included a series of hands-on professional development workshops to introduce educators to game design programs, game-making tools and curricula for use in the classroom or afterschool programs.

> AMD co-sponsored the **SXSWedu** Conference in 2011 and 2012 in the United States, which supports innovations in learning using 21st Century content delivery and best practices for education professionals. This included a series of hands-on professional development workshops to introduce educators to game design programs, game-making tools and curricula for use in the classroom or after-school programs.

> AMD collaborated with **Microsoft** and the Educational Research group at the **Wisconsin Institutes for Discovery** at the University of Wisconsin-Madison to create the curriculum and tools to make the video game design program **Microsoft Kodu** more accessible in K-12 classrooms. Academic research is also being conducted to understand if the curriculum improves computational thinking and game design skills, and development of skills in traditional areas such as math, science and writing.

**Program Goals and Measures**

In June 2008, **AMD Changing the Game** launched this innovative educational program with 80 students in the United States. By 2012, the program had reached more than 213,000 youth in seven countries. This growth is a result of the work of our partners and the growing realization that technology and gaming play important roles in revitalizing the STEM curriculum and learning experiences in today’s schools.

For more information on **AMD Changing the Game**, please visit our [website](#).  

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>Cumulative Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youth Reached</td>
<td>80</td>
<td>65</td>
<td>22,353</td>
<td>52,140</td>
<td>139,280</td>
<td>53,143</td>
<td>267,061</td>
</tr>
<tr>
<td>Teachers Reached</td>
<td>5</td>
<td>7</td>
<td>1,797</td>
<td>2,583</td>
<td>3,354</td>
<td>314</td>
<td>8,060</td>
</tr>
<tr>
<td>Games Created</td>
<td>70</td>
<td>13</td>
<td>1,890</td>
<td>5,617</td>
<td>22,603</td>
<td>13,482</td>
<td>43,431</td>
</tr>
<tr>
<td>Contest Submissions</td>
<td>0</td>
<td>12</td>
<td>1,483</td>
<td>1,546</td>
<td>7,382</td>
<td>4,525</td>
<td>14,948</td>
</tr>
<tr>
<td>Technology Centers</td>
<td>0</td>
<td>2</td>
<td>9</td>
<td>10</td>
<td>5</td>
<td>0</td>
<td>26</td>
</tr>
<tr>
<td>AMD Employee Volunteers</td>
<td>12</td>
<td>2</td>
<td>36</td>
<td>25</td>
<td>25</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Partners</td>
<td>4</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>5</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td><strong>AMD Foundation Donations</strong></td>
<td><strong>$330,000</strong></td>
<td><strong>$350,000</strong></td>
<td><strong>$1,337,000</strong></td>
<td><strong>$1,846,000</strong></td>
<td><strong>$1,695,000</strong></td>
<td><strong>$75,000</strong></td>
<td><strong>$5,634,000</strong></td>
</tr>
</tbody>
</table>

* Does not include AMD, Inc. funding for technology centers

**Table 4: Results – Overall Metrics for AMD Changing the Game**
University Relations and Student Experience

AMD’s global university relations programs aim to stimulate and develop students’ interest in semiconductor design technology and supporting functions. We attract high-achieving and motivated students from top colleges and universities worldwide through on-campus recruiting and relationships within the academic community. In 2013, over 450 students gained valuable experience through our challenging and rewarding co-op and internship programs around the world.

AMD employees serve as adjunct faculty, guest lecturers, and board and advisory committee members to help bring real-world experiences to the classroom. Our research group partners with the world’s leading academic research institutions to discover new technologies and help keep AMD at the forefront of innovation.

AMD is committed to creating a workforce as diverse as the global communities in which we operate, and our recruiting programs reflect that commitment. AMD is proud to have sponsored the Grace Hopper Celebration of Women in Computing 2013 and to support the Mathematics, Engineering, Science Achievement (MESA) program of the University of California. We have also established relationships with the Society of Hispanic Professional Engineers and the National Society of Black Engineers, both at the national and at the campus level.
CHAPTER VII: ENVIRONMENT

AMD has established a long record of environmental responsibility and transparency, setting ambitious environmental goals and publicly reporting our progress through key performance indicators. We have a robust management system in place to manage risks to the environment from our business operations and supply chain, and we engage employees worldwide to take an active role in our conservation efforts.

AMD’s environmental and risk management programs include the following:

- Operations and Metrics
- Global Environmental Goals and Performance
- Environmental Management Systems
- Risk and Opportunities Related to Climate Change
- Employee Engagement

Operations and Metrics

For reporting purposes, we categorize our facilities into two groups—“manufacturing,” which consists of two Assembly, Test, Mark and Pack (ATMP) facilities in Asia and the remaining “non-manufacturing” sites. AMD utilizes a variety of performance indicators to measure site and global environmental performance for our ATMP sites including energy use, water consumption, waste generation and GHG emissions. Environmental performance indicators for our global operations are housed in a centralized database to effectively manage our environmental data, disclose our sustainability performance and identify improvement opportunities toward our goals.

ATMP Manufacturing Sites

AMD owns and operates two manufacturing facilities that perform a combination of ATMP services; one in Penang, Malaysia, and the other in Suzhou, China. In 2013, the Suzhou site continued to expand assembly operations that began in early 2012, and increased test operations as well. Although the Penang site reduced the volume of units tested and assembled, the site added additional specialized equipment to support new products.

Non-Manufacturing Sites

AMD designs, supports and promotes microprocessor and graphics products at numerous design, engineering, sales, administrative offices and data centers worldwide. We collect and report energy and water use along with waste generated for our three major non-manufacturing sites located in Austin, Texas; Markham, Ontario; and Sunnyvale, Calif. We also report data collectively for 11 additional global facility locations including Bangalore and Hyderabad, India; Shanghai, China; Cyberjaya, Malaysia and others.
Global Environmental Goals and Performance

AMD’s environmental goals reflect our business model as a semiconductor design and marketing company, and account for the functional differences between our manufacturing and non-manufacturing sites worldwide. Environmental goals are aligned to areas where AMD operations have the most impact: water use reduction, GHG emissions reduction and waste diversion. Goals are measured separately for ATMP and non-manufacturing sites, and are based on five-year timeframes.

In 2013, our company was ahead or on-track for all environmental goals. Non-manufacturing sites have achieved their five-year goals (2009-2014) one year early, although continued effort in 2014 will be important to completing the goal period. Our manufacturing sites successfully completed the first year of their new five-year environmental goals, with performance ahead of their annual targets. Environmental goals and performance through 2013 are shown in Table 5.

<table>
<thead>
<tr>
<th>GOAL AREA</th>
<th>GOAL</th>
<th>SCOPE &amp; MEASURE</th>
<th>2013 STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHG Emissions ........</td>
<td>5% reduction</td>
<td>Non-Manufacturing: Absolute reduction (2009-2014)</td>
<td>Ahead of target (13% reduction)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10% avoidance*</td>
<td></td>
</tr>
<tr>
<td>Water Use.............</td>
<td>20% reduction</td>
<td>Non-Manufacturing: Normalized by employee count (2009-2014)</td>
<td>Ahead of target (26% reduction per employee)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10% avoidance*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manufacturing (new): Project based reductions (2013-2017)</td>
<td>Ahead of target (2.4% avoidance)</td>
</tr>
<tr>
<td>Waste (Non-hazardous)</td>
<td>70% diversion</td>
<td>Percentage of waste kept out of the landfill (2009-2014)</td>
<td>Ahead of target (78% waste diversion)</td>
</tr>
</tbody>
</table>

Table 5: Environmental Goals and Performance

* Avoidance is calculated as “total project reductions” divided by “total projected use.” “Total projected use” is the amount of water use or GHG emissions that would have occurred had no projects been implemented.

Note: Singapore site GHG emissions data is not included in GHG goal calculations for 2012 or 2013 due to transitioning from manufacturing to non-manufacturing site and the ramifications of adjusting the baseline of the absolute GHG goal. This data is reported in the Environmental Data Tables and will be included in new non-manufacturing goals that will be established in 2014.

Climate Goal and Performance

Goal—AMD’s reduction target for our non-manufacturing sites is an “absolute” emission reduction — meaning a commitment to reduce regardless of the expected growth of these facilities. Our new manufacturing goal (2013-2017)—to avoid 10 percent GHG emissions in 2017 through conservation efforts—focuses on measuring project results and therefore more accurately gauging the sites’ conservation performance. Reported performance against this manufacturing goal began in 2013.

Strategy—AMD’s strategy for climate protection is to first directly reduce our carbon footprint through site conservation projects, real-estate consolidation and operational efficiency improvements. As part of this effort in 2013, individual sites identified and implemented 140 energy conservation
projects and initiatives such as consolidating data centers, optimizing building operations, using more efficient lighting technologies and schedules, and powering down equipment when not utilized.

After reducing energy use, our climate strategy involves purchasing renewable energy to further reduce emissions. AMD procured over 54 million kWh of renewable energy (wind) in 2013, amounting to over 31,000 MTCO$_2$ of avoided emissions and accounting for over 50 percent of AMD’s total U.S. electricity use in 2013. AMD continues to be a recognized member of EPA’s “Green Power Leadership Club” for 2014. In 2013, AMD continued to purchase 100 percent renewable energy for our Lone Star campus in Austin, Texas—as we have done since the facility became operational in 2007—as well as applying 100 percent renewable energy for our Fort Collins, Colorado and Orlando, Florida sites, and data center near Atlanta, Georgia.

**Performance**—AMD is ahead of target on both manufacturing and non-manufacturing GHG emission goals. We continue to reduce absolute global energy use, including a 23 percent reduction since 2009 and an 11 percent reduction from 2012 to 2013 alone. However total global emissions have increased three percent since 2009, mainly due the more recent increased use of specific test equipment and associated emissions at AMD manufacturing sites. Overall the manufacturing sites have performed well by reducing total GHG emissions by seven percent since 2009, despite an increase in units tested, as well as avoiding 8.5 percent of total emissions in 2013 after implementing numerous energy conservation projects.

Our non-manufacturing sites achieved a 13 percent absolute reduction in GHG emissions compared to the 2009 baseline, and eight percent from 2012 to 2013 alone. The progress is mainly a result of numerous conservation projects and strategic consolidation efforts.
In 2013, AMD achieved 13 percent reduction in GHG emissions at our non-manufacturing sites since 2009, which is ahead of our 2014 goal – see Table 4.

Figure 3: Non-manufacturing Greenhouse Gas Emissions (metric tons carbon dioxide equivalents)

Water Goal and Performance

Goal—AMD’s non-manufacturing water goal is to reduce water usage by 20 percent or more by 2014 (from a 2009 baseline). Water use at non-manufacturing sites is normalized to the number of employees. The manufacturing goal (2013-2017)—to avoid 10 percent of water use in 2017 through conservation efforts—focuses on measuring project results and therefore more accurately gauges the sites’ conservation performance.

Strategy—AMD achieves water use reduction by identifying and evaluating water conservation, and recycling opportunities for building and manufacturing operations. In 2013, sites implemented more than 25 water conservation initiatives, such as installing low-flow fixtures, reusing captured water and improving processes for identifying and fixing leaks.

Performance — Both manufacturing and non-manufacturing sites performed well on the water goal in 2013. Non-manufacturing sites ended the year ahead of the five-year goal, successfully reducing water use by 25 percent per employee since 2009. Our Lone Star campus in Austin, Texas, again did not use ANY municipal water to irrigate landscaping during the year. The 100 percent native vegetation was minimally watered using 5 million liters of captured rainwater and condensate from our cooling systems. An additional 6.5 million liters of captured rainwater was used for operation of the site’s cooling towers.

Figure 4: Total Water Use (million liters)
The manufacturing sites tracked water project savings that avoided 2.4 percent of the sites' total water use in 2013, on-track for reaching 10 percent avoided water use by 2017. ATMP water projects in 2013 included capturing HVAC condensate for use in cooling towers, and adjusting equipment to use less water during product assembly.

Wastewater discharge at AMD is measured only for sites with wastewater discharge permits. The amount of wastewater discharged decreased by 17% from 2009 to 2013. Our Austin, Texas site received a pretreatment award in Feb 2013 for effective wastewater management and pollution prevention.

Non-Hazardous Waste Goal and Performance

Goal—AMD’s 2014 non-hazardous waste goal is to divert 70 percent of trash from landfills.

Strategy—AMD’s approach to diverting waste from the landfill is to increase food waste composting, improve recycle programs and expand material reclamation efforts. We are also improving methods of solid waste collection and tracking, and raising employee awareness of reuse, recycling and reduction strategies. In addition to these initiatives, we examine purchased goods for possible “upstream” reduction opportunities such as increasing recyclable content, reducing volume and minimizing packaging material.
**Performance**—In 2013, AMD exceeded its 2014 waste diversion goal of 70 percent and reached a 78 percent global waste diversion. AMD’s global waste diversion rate has continuously increased annually from 40 percent in 2009. The improvement in 2013 was, in part, due to reclaim and electronic waste recycling from site consolidations, and expanded organic waste composting.

![Figure 8: AMD Total Waste Diversion (%)](image8)

AMD’s goal is to divert 70% of trash from landfills by 2014. At our ATMP facilities, waste diversion has increased from 32% in 2009 to 72% in 2013. Waste diversion rates at our non-manufacturing sites have increased from 46% in 2009 to 80% in 2013, partially due to reclaiming and recycling equipment from site consolidations.

![Figure 9: ATMP Waste Diversion (%)](image9)

![Figure 10: Non-Manufacturing Waste Diversion (%)](image10)

![Figure 11: Total Hazardous Waste Generated (metric tons)](image11)

![Figure 12: ATMP Hazardous Waste Generated (metric tons)](image12)
AMD’s ATMP and research and development facilities generate small quantities of hazardous waste. Our total hazardous waste generation increased from 48 metric tons in 2009 to 147 metric tons in 2013. This was mainly due to the 2012 reclassification of scrap product sent off-site for precious metal reclaim as hazardous waste and increased assembly operations at our Suzhou, China site. ATMP hazardous waste decreased 1% from 2012 to 2013. Only a very small amount of hazardous waste is generated at our non-manufacturing facilities (~1 metric ton). We ensure that all hazardous waste is managed responsibly and 52% of this waste is recycled.

**Addressing “Other Indirect” Emissions**

AMD recognizes there are other indirect environmental impacts associated with conducting our business operations. The following summarizes the indirect emissions that we currently track:

> **Employee Commuting**—AMD’s employee commute program, Go Green, encourages employees to reduce their environmental impacts from commuting by using alternative transport such as buses, rail or bikes, car-pooling and telecommuting. AMD estimates commuter emissions from our six largest facilities; 2013 levels were similar to 2012 (less than 1 percent increase) but 41 percent lower than 2009.

> **Business Travel**—AMD had a small (<one percent) decrease in business travel emissions from 2012 to 2013.

> **Product Shipping** (not including outsourced product shipments)—Emissions associated with AMD’s product shipping decreased by 10 percent from 2012 to 2013, and 54 percent since 2009, mainly due to efficiency gains by shipping providers, a decrease in packaging size and number of units, as well as lighter plastic pallets. See the Product Packaging section of this report for more information.

> **Supply Chain**—AMD collects data on GHG emissions resulting from the manufacture of AMD products by our suppliers. With the changes to our business operations in 2009, supply chain coordination on environmental issues has become more important. Therefore, we began holding regular meetings in 2010 with our wafer foundry suppliers to coordinate and evaluate environmental goals and performance. In 2012, we started scoring our foundry suppliers’ environmental performance, as part of Quarterly Business Reviews. For more information refer to the Supplier Responsibility section of this report.

**Environmental, Health and Safety Management Systems**

AMD has established Global Environmental, Health and Safety (EHS) Standards that we apply to our sites worldwide. These performance-based standards establish best-in-class practices to help protect human health and the environment, and include the following environmental standards:

> **Legal Compliance**
> **EHS Due Diligence for Real Property and Business Transactions**
> **Project Design and Review**
> **Pollution Prevention and Resource Conservation**
> **Global Climate Protection**
> **Waste Management**
To ensure we consistently meet these rigorous standards, we utilize robust environmental management systems. The environmental management systems at all AMD owned and operated manufacturing facilities are certified to the International Standards Organization’s 14001 standard (ISO 14001). View the certificates on our [website](#).

Periodic assessments are conducted to determine the conformance of our manufacturing operations to our global standards. These assessments are often done in conjunction with periodic EHS regulatory compliance audits. Corrective actions identified during any EHS standards assessment or EHS regulatory compliance audit are expeditiously managed and tracked to closure.

**Employees and the Environment**

Our award-winning, global employee conservation program, Go Green, aims to engage and inspire AMD employees to reduce environmental impacts and improve their quality of life through a lifestyle approach to sustainability. Employee registration has increased by 60 percent since 2009, and includes more than 1,500 participants around the globe in 2013. AMD’s Go Green program targets three areas where employees potentially impact the environment: at home, during their commute and in the workplace. In 2013, we held our third annual “Global Employee ECO Awards” to recognize those employees who embody environmental excellence in these areas.

**Home**
The Go Green Bi-Weekly newsletter highlights one aspect of personal sustainability per edition and explores this issue for our employees by incorporating prompting questions, intriguing facts, links to informative articles, calls-to-action, insightful quotes and even jokes. The communication has been rated by employees as the most popular aspect of the program. To help participants reduce environmental impacts and save money, 90 “eco-prizes” were awarded including reusable water bottles, grocery bags, water conservation kits and gift cards to fund conservation or social projects.

**Commute**
AMD encourages employees to use alternative transportation when commuting to and from work. Several tools and incentives facilitate this, such as the web-based GreenRide® software program to help participants quickly search for ride-matches, bike routes and bike buddies, and public transit options, as well as log drives avoided and enter monthly drawings. Other incentives include preferred parking, bike shop discounts, public transit pre-tax benefits (United States only) and electric vehicle charging stations at selected sites.

In 2013, participants avoided over 1.2 million km of driving, which prevented 293 metric tons of CO₂ emissions, conserved 116,000 liters of fuel and saved $177,000. Since the program began in 2007, more than 7.7 million km of driving have been avoided along with 1,890 metric tons of CO₂ emissions, which is about as much CO₂ sequestered by 48,450 tree saplings over 10 years. Additionally, usages of AMD electric vehicle charging stations in Austin, Texas and Sunnyvale, Calif. have helped avoid nearly 23,000 kg of greenhouse gas emissions.
**Work**
At work, Go Green participants learn what AMD is doing as a company and what they can do as individuals to advance sustainability. In 2013, AMD continued supporting the formation and development of employee-led Green Teams, now at 12 sites worldwide. The teams implemented projects such as lunch-and-learns, transitions to reusable cups, lighting audits and trash cleanups in the community. In 2013, AMD’s Green Teams delivered the largest and most coordinated “Earth Week” at AMD to date, with a dozen facilities holding onsite events to engage and educate employees about the environment.

**Risks and Opportunities Related to Climate Change**
For more than a decade, AMD has publicly acknowledged that climate change is taking place and presents a range of complex risks. Over the years, AMD has actively managed our impacts to climate through a variety of means including renewable energy use and energy conservation.

AMD and our suppliers are assessing and preparing for climate change-related risks. A changing climate could expose our employees and operations to physical risks from extreme weather events such as flooding or extreme heat and cold. We have addressed these risks by requiring each site to develop site-specific business continuity management programs that evaluate the potential for these events and develop procedures to mitigate the risk. Extreme weather could also affect our wafer foundry partners’ operations by restricting the availability of raw materials or other direct materials needed for production of our products. Although these risks are outside of our direct operational control, AMD tracks these risks and collaborates with our supplier partners on mitigation strategies.

While our operations have a relatively small climate impact (or footprint), AMD’s technology products could help alleviate climate change in three ways:

1. **AMD products provide more computing power with lower energy demand.** See the [Energy Efficient Computing](#) section of this report.

2. **According to the SMARTer 2020 study, IT-enabled solutions offer the potential to reduce GHG emissions by 16.5 percent, create 29.5 million jobs and yield $1.9 trillion in savings.** AMD participates in an educational initiative called the [Digital Energy Solutions Campaign](#) to help realize this potential. See the [Making Cloud Computing More Environmentally Sustainable](#) section of this report for examples of how AMD technology helps save energy.

3. **AMD processors power some of the world’s most powerful supercomputers.** Some of these computers enable researchers to predict changes due to climate change. This research could lead to more accurate forecasting tools that would facilitate adaptation strategies for the effects of climate change.
CHAPTER VIII: AMD EMPLOYEES

At AMD, our goal is to be an employer of choice with a workforce full of passionate, innovative and fully engaged employees. Paramount to achieving this goal is a strong culture permeating all aspects of our business. We call this culture *The AMD Way*. It is built on three core beliefs:

- Ownership and commitment: We do what we say and we own what we do.
- Customer focus: When our customers win, we win.
- Innovation leadership: We chart and pave our own path to success.

These core beliefs come alive with four specific actions that define *The AMD Way*:

- Achievement – plan and play to win in all we do, every time… every day matters.
- Accountability – build trust by honoring our commitments.
- Alignment – work as one AMD to debate, decide, embrace and execute.
- Agility – continuously learn and improve in all aspects of our business.

These beliefs and actions are expectations for each employee every day. By living *The AMD Way*, by embracing diversity and inclusion, and by encouraging a healthy balance of work and family life, the AMD work environment is an innovation engine in which people feel empowered to collaborate, think, act and solve problems in new and different ways.

We support our employees with competitive benefits including excellent compensation, health care, employee assistance programs and more. This investment in our employees and their career development is not only the right thing to do; it is the smart thing to do.

**Global Inclusion**

Innovation is at AMD’s core, and occurs when creative minds and diverse perspectives are drawn from all over the world. Diverse teams, when managed in a culture of inclusion, are more creative, more productive, better at problem solving, and ultimately more profitable. AMD hires people from diverse backgrounds and geographies, and with diverse beliefs, and promotes an inclusive environment that values their individual differences. This is all part of Innovation Leadership, one of the core tenets of AMD’s culture – *The AMD Way* – and we accomplish this by fully integrating diversity and inclusion into our talent management and culture initiatives.

Some of our flagship initiatives shaping the diversity and inclusion agenda include the following:

- Executive Mentoring Program for top and emerging women leaders
- Sales & Marketing Women Talent Forum
- Diversity and Inclusion e-Learning
- Peer networks
- AMD Women’s Forum
Equal Opportunity Employment

In compliance with applicable laws and regulations, AMD employee policies, processes and decisions are developed and implemented to promote equal opportunity without regard to age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third-party affiliation, gender, sexual orientation, gender identity or veteran status. We have a robust process to fully investigate and address all complaints regarding workplace discrimination, and offer employees a variety of communication channels (including the AMD Alertline, a toll-free, 24-hour hotline that accepts anonymous reports).

Talent Management

AMD’s talent management activities support the complex and dynamic nature of our business, but our goal is simple: deliver our strategy by having the right talent in place now and in the future. Throughout the year, our CEO and senior executives hold cross-functional discussions about our top talent and the leadership and technology skills our business requires. When skill gaps are identified, we turn first toward developing our top talent because we know building their skills ensures our future.

Professional growth increases the likelihood that our top performers will stay at AMD, and when they continuously build their breadth and depth of knowledge, AMD becomes more productive and innovative. When we cannot fill a skill gap internally, we recruit employees with varied experiences and backgrounds who add new perspectives to existing teams. Whenever possible, we hire local talent. We continuously track and prioritize our progress based on evolving business needs.

Compensation and Benefits

The nature of the semiconductor industry requires the company to maintain a talent pipeline by attracting and retaining a well-trained, highly skilled and highly educated workforce. To remain competitive, we constantly monitor the wage structure of the semiconductor and related technology industries at operating locations. AMD is committed to paying competitive wages and providing benefits that help foster financial security for employees. Employee compensation is established in accordance with local laws, and often adjusted for talent in high demand.

Eligible employees worldwide share in the company’s success through a range of compensation programs. Global compensation programs include equity and bonus plans. AMD also promotes a learning environment through educational programs such as tuition assistance, and employee and management development classes.

The company’s competitive portfolio of employee benefits includes country-specific program offerings, such as comprehensive coverage for health and dental care; retirement savings programs in which investments are directed by the employee and partially matched by the company; holiday and vacation time; life and disability insurance; and a variety of work/life balance programs including family care leave and alternative work plans. Our employees also benefit from various types of employee assistance programs to help resolve personal and professional issues. These employee benefits programs meet and often exceed the benefits required by applicable laws and regulations.
Employee Pay-for-Performance

AMD’s pay-for-performance process creates a work environment that encourages, recognizes and supports high-performing individuals and teams. Under our pay-for-performance philosophy and guiding principles, we not only reward team members who demonstrate the highest level of contribution to the company, we also reward those who continually improve their capabilities. This ensures that rewards are differentiated based on the impact the employee’s performance has on the company as well as how they get their work done.

Our managers and employees are trained on the processes and skills needed to achieve the optimal performance as individuals and within teams. In-person instruction is augmented by webcasts and recorded training to maximize reach to all employees. In addition to formal instruction, AMD managers are expected to meet with each of their employees and review a more tailored set of performance developing skills. To facilitate these conversations, we equip managers with a topic-specific “meeting-in-a-box,” which is comprised of background information, slides they can use with their employees, frequently asked questions (FAQs) and other job aids.

We begin the pay-for-performance process by clearly defining what success looks like through our goal-setting process. AMD goals are cascaded down from the CEO through the layers of the organization so each employee’s goals are aligned with the company’s strategy. Our employees establish their own goals that are supportive of the company’s strategy as well as goals for their personal development. Managers then provide candid feedback to employees on their goals and ongoing feedback on their performance, with formal reviews scheduled twice per year, one at mid-year and another at year-end.

Our process provides clear expectations, continuous feedback and a focus on employee development. In 2013, 98 percent of AMD employees (97.8 percent of female employees and 98.3 percent of male employees) received performance reviews. These reviews included an open, two-way performance and career development discussion between the employees and their managers.

Employee Education and Training

Providing opportunities for personal and professional development enhances our workforce as well as the company’s appeal in the competition for experienced workers and retention of valuable employees. The AMD Competency Model, centered on the enduring AMD values, is the foundation for our training and development programs. This model matches business roles with needed competencies and behaviors for all levels of the employee population.

In 2013, AMD completed the implementation of a global Learning Management System (LMS). The LMS centralizes the scheduling, delivery, tracking, and reporting of all AMD training and development programs and offerings. It allows better management of all AMD learning needs by providing the ability to identify training requirements, define and develop courses and content, deploy learning across an extended enterprise and track completion.
AMD provides a wide array of technical, management and leadership training programs to employees. In addition to traditional instruction methods, employees have access to a variety of e-learning opportunities through internally and externally developed courses and other online resources, including:

- **Skillssoft®**—the largest e-learning vendor in the world, offering thousands of business skills and IT e-learning courses.

- **Harvard Business School Publishing®**—offering online leadership and management training. We offer employees access to Harvard’s flagship product, known as Harvard ManageMentor (HMM) as well as their [www.hbr.org](http://www.hbr.org) site. Employees can also access a growing library of thousands of book summaries from [get Abstract](http://getabstract.com) through a customized Harvard portal.

- **Lynda.com** – an entirely video-based website similar to YouTube but dedicated to training subjects. It offers over 8,000 hours of online video (more than 2,300 courses) from 2-minute tips and tricks video clips to full day-long classes (some are eight hours or longer).

- **GlobeSmart®**—a web-based tool that provides easy access to an extensive knowledge base on how to conduct business effectively with people from other countries and cultures.

- **Safari**—the largest provider of online technical and engineering books from all the premier publishers of technical content, including O’Reilly Press, Wiley and Sons, Addison Wesley, Microsoft, Adobe Press, IBM Press, Microsoft Press, McGraw Hill and many more.

- **Global English**—a leading provider of English language skills from assessments to e-learning courses to LIVE mentoring.

- **MindShare**—an independent provider of technical training that focuses on the semiconductor industry. MindShare offers traditional classes, e-learning and virtual learning classes.

- **Microsoft e-Learning**—offers online courses on Microsoft applications (e.g., Word, Excel, PowerPoint, Access, SharePoint), operating systems (Windows Vista, XP), servers (Windows, Exchange, SQL) and more.

AMD also provides a variety of programs for employee enrichment and development, including those listed below.

- **Executive Assessment**—to determine knowledge and skills development needed for vice presidents and above.

- **Executive Coaching**—to build on strengths and address development needs and specific organizational issues.

- **Mentoring**—to enhance the development of new or less-experienced employees.

- **New Employee Development**—to educate new employees about legal, safety and environmental policies, and company products and markets.

- **Management/Leadership Development**—provided through the following programs and processes:
Leadership Impact—to drive performance and increase the leadership capabilities of frontline managers by enhancing critical skillsets found in the four roles of a leader during a successful turnaround.

Speed of Trust—to engage leaders at all levels in the work of identifying and closing the trust gaps that exist in their organization.

Situational Leadership—to help leaders maximize team performance by adapting their leadership style to the capability of the individual or group they are attempting to lead/influence.

Corporate Athlete—to help leaders learn how to maximize performance and increase productivity in all aspects of energy management. This course is offered as a “stand-alone” and as part of the MLE, DLE, TSE and TLE programs.

Effective Communications—to improve communication and presentation skills by applying the AMD model (Audience, Message and Delivery) to any group communication.

Leading Effective Meetings—to help leaders plan and prepare for a productive meeting and lead more effective meetings to increase individual and team productivity.

Cultural awareness—Communicating Across Cultures is a program offered to develop a heightened degree of intercultural understanding and explore ways to communicate and work more effectively in a cross-cultural business environment.

AMD requires online training through its Legal Compliance Education Center (LCEC) in the following areas:

AMD’s Worldwide Standards of Business Conduct (for all new hires globally, and at a three year cadence thereafter)

Workplace Harassment (for all U.S. employees who had not taken this training in the last two years)

Export Controls: Commercial Products (all global employees with a job function related to this content)

In addition to the mandatory training, LCEC also makes the following online training modules available to employees:

Protection of Confidential Information

Antitrust Awareness

Getting and Keeping a Patent
Human Rights

AMD’s policies on human rights issues such as harassment, discrimination, working hours, forced/compulsory labor, child labor, compensation, and freedom of association are addressed in AMD’s Worldwide Standards of Business Conduct (see excerpt below), the EICC Code of Conduct, as well as in AMD Human Rights Statement that was adopted in 2011.

All employees receive access to AMD’s WWSBC and are trained and provided reminders on how to apply these standards in the workplace. These standards are aligned with the EICC Code of Conduct that we apply to ourselves and our suppliers. Our hiring practices are periodically reviewed to ensure conformance with local laws and AMD’s Worldwide Standards of Business Conduct.


The Company values respect, integrity, initiative, accountability and innovation in support of our customers’ success. Based on these values, we know:

> Business success is created when the Company recruits and develops the most talented people and rewards them for their contributions.
> The Company’s customers are best served by employees who have a variety of perspectives.
> Innovation comes from different perspectives and ideas.

Consistent with these principles, the Company is committed to providing all qualified employees with the same opportunities for success regardless of age, ancestry, color, marital status, medical condition, mental or physical disability, national origin, race, religion, political and/or third-party affiliation, sex, sexual orientation, gender identity or veteran status. Therefore, you are prohibited from making employment-related decisions based on any of these factors. The Company emphasizes a workplace where all employees have the opportunity to contribute fully to the Company’s success based on their skills and interests.

If you reasonably believe someone is using any of the above factors to make employment-related decisions, you must immediately report the situation to the Company. You can report your concern to your manager or Human Resources, or via the AMD AlertLine. The Company will take appropriate steps to investigate any such report.

AMD respects and supports the protection of human rights on a worldwide basis, within our sphere of influence. AMD is committed to respecting its employees’ human rights. AMD compensates its workers at or above legal minimums, and complies with all applicable labor laws including minimum working age laws. The Company is committed to paying competitive wages and providing benefits that help foster employees’ health and financial security. Compensation rates are determined according to local laws, market factors and individual employee performance.

AMD does not use forced labor in providing its products or services, and prohibits physical abuse or harassment and retaliation against employees reporting harassment amongst its employees. Employee working hours are set in accordance with local laws. The Company strictly forbids child labor and forced/compulsory labor practices in any AMD operation or our business partners and suppliers.
While AMD prefers direct communications between management and employees, AMD operates in locations where employees have the right to freely associate or not associate with third-party organizations, such as labor unions, and these employees have the right to collectively bargain or not bargain collectively in accordance with local laws. AMD respects those rights and is committed to maintaining a fair and open workplace where employees are treated with dignity and respect, are free from discrimination or the fear of retaliation and can openly share their ideas, concerns or problems on workplace issues with management.

AMD Human Rights Statement
AMD respects and supports proclaimed human rights on a worldwide basis, within our sphere of influence. AMD is committed to respect its employees’ human rights. AMD compensates its workers at or above legal minimums, and complies with all applicable labor laws including minimum working age laws. AMD prohibits discrimination based on race, color, age, gender, sexual orientation, gender identity and expression, ethnicity, disability, religion, union membership or political affiliation. AMD does not use forced labor in providing its services, and prohibits physical abuse or harassment and retaliation against employees reporting harassment amongst its employees. AMD operates in locations where employees have the right to freely associate or not associate with third-party organizations, such as labor unions, and these employees have the right to collectively bargain or not bargain collectively in accordance with local laws. AMD respects those rights and is committed to maintaining a fair and open workplace where employees are treated with dignity and respect, are free from discrimination or the fear of retaliation and can openly share their ideas, concerns or problems on workplace issues with management. AMD’s principles of respect for people are further discussed in AMD’s Worldwide Standards of Business Conduct, and these principles are designed to help AMD ensure that it is not complicit in human rights abuses.
CHAPTER IX: EMPLOYEE HEALTH, SAFETY AND WELLNESS

At AMD, we are committed to provide programs, services and resources necessary to ensure a safe and healthy work environment and promote employee wellness. The following sections provide additional information on these efforts:

> Global Health and Safety Standards
> Health and Safety Management System
> Health and Safety Performance Metrics
> Crisis Management
> Epidemic Disease Control Planning
> Wellness Program
> Industry Collaboration

Global Health and Safety Standards

For more than a decade, our Global EHS Standards have established excellence as the benchmark for AMD sites around the world. In addition to requiring all our facilities to meet applicable local, regional and national requirements, our standards go beyond legal parameters and establish best-in-class practices to protect employee safety and health. Health- and safety-related areas addressed under the Global EHS Standards include the following:

> Legal compliance
> Employee well-being
> Injury and illness prevention
> Emergency preparedness and response
> Electrical safety
> Equipment safety
> Chemical safety
> Ergonomics

Each AMD site develops and maintains programs to implement these standards. Periodic audits are conducted to review these programs and assist with improvements.

Health and Safety Management Systems

By setting standards and utilizing management systems, AMD ensures that our Global EHS Standards are consistently and efficiently implemented in our operations worldwide. The safety management systems at our ATMP manufacturing facilities in Penang, Malaysia and Suzhou, China, are certified to the Occupational Health and Safety Assessment Series 18001 (OHSAS 18001) Standard. View the certificates on our website.

Our health and safety programs include the following elements:

> The Global EHS team provides assistance to our site staff at AMD locations around the world to...
comply with local and regional EHS regulations as well as our Global EHS Standards.

> We conduct periodic third-party regulatory compliance audits at our manufacturing and large non-manufacturing sites. The Global EHS team and site personnel document and track any corrective actions to closure. The audit program also includes third-party assessment of conformance to AMD’s Global EHS Standards.

> Prior to buying new manufacturing equipment for our ATMP manufacturing facilities, EHS professionals conduct detailed evaluations of all safety features and any potential occupational safety hazards. We work with both the equipment manufacturers and AMD equipment engineers to address any deficiencies, and to monitor the safe installation and operation of all equipment.

> AMD site personnel review any hazards associated with new chemicals before delivery to or use at AMD sites. They ensure that the necessary controls are in place to transport, use and store the chemicals safely, and minimize risks to employees and the community.

> Emergency response teams at each site have been trained with first responder capabilities for emergencies such as medical, evacuations, fire, chemical and others as appropriate for site operations. The teams are comprised of employee volunteers from different functional areas of the company.

> We closely monitor the effectiveness of control measures through workplace inspections, assessments and health surveillance programs designed to ensure that employees who have potential exposure to chemical or physical hazards are not adversely affected by their work environment.

> We routinely conduct EHS audits of the hazardous and non-hazardous waste transport, storage and disposal facilities that receive and process AMD waste.

> AMD employees are trained to carry out their job responsibilities safely and effectively. Our training program matches workers’ responsibilities with the appropriate instruction to help them understand how to maintain a safe and healthy workplace.

**Health and Safety Performance Metrics**

AMD collects and tracks a variety of health and safety performance indicators to assess our programs and monitor trends. To ensure consistency across sites, we track safety data (occupational injury and illness case rates; lost work day case rates) based on U.S. Department of Labor Occupational Safety and Health Association (OSHA) guidelines regardless of where our facilities are located. In this way, we are able to compare and appropriately respond to safety issues at AMD facilities around the world.

AMD’s goal is to continually reduce occupational injury and illness case rates. We strive to accomplish this through a variety of programs and processes that have been developed based on industry performance standards, regular review of the effectiveness of our programs and processes, and the commitment of our employees.

Additional details regarding our occupational injury and illness data are provided in our Labor Data Tables.
Figure 13: Total Injury and Illness Case Rate (per 100 workers)

Figure 14: U.S. OSHA Benchmark Rates compared to AMD 2012 INI Case Rate (per 100 workers)

AMD’s goal is to continuously reduce occupational injury and illness case rates. In 2013 our worldwide case rate decreased 44 percent from 0.18 cases per 100 workers in 2012 to 0.10 in 2013. The decrease is a result of our improved process of investigating and addressing root causes of injuries and increased communication to employees to raise awareness and educate them on injury prevention measures.

In the U.S., AMD’s occupational injury and illness case rate increased from 0.14 cases per 100 workers in 2012 to 0.2 cases per 100 workers in 2013. This is significantly below U.S. OSHA rates. The majority of these cases had no restricted duty or lost time.

Figure 15: U.S. Occupational Injury and Illness Rates and Lost Work Days Rates (per 100 workers)

Crisis Management

AMD has crisis management plans in place to appropriately respond to global and site emergencies and business interruptions. The plans include the following components:

- A global emergency management system that provides timely notification, response and recovery.
- A global crisis management team to drive enterprise-wide coordination of disaster response and recovery.
- Local crisis management teams at critical AMD locations to manage local response through the standardized AMD emergency management system.
Epidemic Disease Control Planning

All major AMD sites have pandemic contingency plans in place and review them on a regular basis. These plans outline the response protocol when there is a threat of a disease outbreak in a region. In 2013, there were no pandemic threats but AMD continued to monitor diseases such as H1N1, H7N9 and other potential threats around the world. To assist with monitoring of global health threats AMD utilizes International SOS pandemic services.

Wellness Program

In addition to safety in the workplace, AMD is also focused on encouraging and incentivizing our employees to improve their overall health and wellness. We communicate important health information to employees in many ways including:

> Monthly emails featuring health and wellness topics.
> Health awareness information such as flu prevention on AMD’s internal websites.
> Live presentations on exercise, healthy eating and relaxation techniques.
> Comprehensive web-based health information offered by health insurance providers.

Committees

A Steering Committee oversees AMD’s wellness program. The committee is currently focused on North America where 50 percent of our employees reside, but also coordinates global events such as the World No Tobacco Day. Major sites outside of North America coordinate their own site-specific wellness programs with assistance and support from the Global EHS team. This steering committee is a cross functional team that is charged with optimizing and integrating employee wellbeing into the workplace. The team is supported by onsite wellness committees that focus on five key elements for maintaining a healthy, well-balanced lifestyle: Health, Nutrition, Fitness, Emotional Wellbeing and Career.

Health

The Wellness program organizes events and provides services to assist health organizations and engage employees in health-related issues. These include the following:

> Free annual flu immunizations in North America and flu immunizations in Asia offered at a discount price or covered by insurance.
> Onsite blood drives throughout the year to encourage employee blood donations.
> Wellness expos and EHS awareness days that provide a variety of services such as biometric testing, health-related products and services information, and discussions about various health and safety topics.
> Worldwide support of World No Tobacco Day on May 31, 2013, during which AMD educated employees on tobacco-related risks, offered tobacco cessation programs and encouraged a tobacco-free campus for the day.
> Emergency medical assistance service for health issues potentially encountered by our
employees traveling internationally on business.

- Onsite ergonomic evaluations as well as computer-based training to educate employees on good ergonomic principles, as well as how to properly adjust their computer, laptops, computer workstations and other equipment to minimize the risk of injury.

In February 2012, AMD launched an enhanced wellness program in the United States. AMD has partnered with WebMD Health Services, a division of WebMD, to offer free health management services to U.S. employees utilizing WebMD’s Health Manager™. Employees were offered an incentive of $100 to take advantage of WebMD Health Manager™.

In 2013, AMD U.S. employees and their spouse/domestic partner who completed WebMD’s health questionnaire were eligible to receive $50. Additionally in 2013, AMD offered a healthcare premium credit to U.S. employees and their spouses who do not use tobacco or who choose to quit.

In 2014, AMD U.S. employees and their spouse/domestic partner who completed WebMD’s health questionnaire and a biometric screening will receive a healthcare premium credit of $240 each in addition to the premium credit of $240 for U.S. employees and their spouses who do not use tobacco or who choose to quit.

**Nutrition**

Onsite cafeterias offer a wide variety of healthy options such as:

- Vegetarian and heart-healthy menus
- Under 500 calories combos
- Healthy grab-and-go kiosks
- Organic foods
- Fresh foods
- Fruit – some locations also have fruit vending machines

Cafeterias at some of our facilities provide menu selections labeled with nutritional content. AMD also promotes healthy eating with a fresh produce home delivery service discounts at some locations.

**Fitness**

Physical fitness is encouraged through a variety of programs and benefits:

- Fully equipped fitness centers available at many locations with free membership
- Various programs that promote physical activity and weight management
- Fall and Spring 5K run/walks
- Health and fitness promotion activities, such as Bike to Work Week, National Fitness Day, World Health Day and other activities promoting fitness
- Personal training options offered at our onsite fitness centers to help our employees reach their personal fitness goals
Collaboration with AMD’s Go Green program to promote walking and biking to work

Emotional Wellbeing
Health and emotional wellbeing go hand-in-hand. AMD’s global Employee Assistance Program (EAP) counsels employees on many life challenges, such as relationship issues, change and stress management, substance abuse, depression, parenting and eldercare concerns, as well as simply finding a balance between work and home. AMD’s EAP offers stress reduction and stress management seminars and webinars, as well as individual counseling. Additionally, many of our locations offer private areas/rooms for employees to relax, meditate or pray.

Career
Career progression is as important as health and wellness to an engaging, meaningful and rewarding work experience. AMD offers a wide variety of resources through our Learning and Development department to assist with personal and professional development. For more information about AMD’s career development opportunities, see the Careers section on our website.

Industry Collaboration
AMD actively participates in industry efforts to promote safety and health in our industry. AMD participates in, and supports a number of professional groups, such as the American Association of Occupational Health Nurses (AAOHN), the EICC, and the U.S. Semiconductor Industry Association (SIA). Through collaborative efforts like these, we seek to assist our entire industry – competitors, customers and suppliers – to promote a safe and healthy work environment.
CHAPTER X: AMD IN THE COMMUNITY

AMD was founded on the principle of putting people first – our employees, our customers, our shareholders and our neighbors in the communities around the world where we live and work.

AMD supports our global communities via:

> Employee Volunteering and Giving
> AMD Foundation and Corporate Contributions

Employee Volunteering and Giving

For more than 30 years, AMD has invested money, time and technology in organizations that help to improve social and environmental conditions, and strengthen the communities where we live and work. The process of helping others has enriched the lives of thousands of AMD volunteers around the globe.

AMD encourages our employees and contractors to volunteer, and we support their efforts by coordinating company-sponsored volunteer events; and connecting employees with volunteer opportunities focused on improving the quality of life for those who live and work in or near communities where we operate.

While 2013 proved to be a challenging year due to reductions in spending, AMD remained committed to supporting volunteerism and many AMD employees and contractors continued to engage in their communities. Sixteen AMD sites in Canada, China, India, Malaysia, Singapore and the United States recorded the following accomplishments:

> Volunteered more than 9,000 hours
> Donated 1,219 units of blood
> Participated in 146 company-sponsored volunteer events
> 1,185 employees volunteered in their communities

Our volunteerism program – AMD Community Corps – is designed to help employees and contractors worldwide make a positive impact in their communities while developing their own professional abilities. In support of this program, we provide an interactive website that facilitates volunteerism and giving – called AMD Community Corps Connect. In 2013, we plan to expand the capabilities so that employees worldwide can use the tool to identify local charities, track volunteer time and network with fellow employees to organize volunteer events.

Pro Bono Work

Busy schedules permitting, a small group of AMD attorneys and paralegals staff the Volunteer Legal Services (VLS) evening legal clinic in Austin, Texas one week a month. VLS is a nonprofit organization chartered to provide legal assistance to low-income residents. In these clinics, the AMD volunteers provide legal advice in a variety of areas including public benefits, housing and consumer problems, and family law. AMD actively promotes pro bono work by its legal staff and, as a result, AMD attorneys routinely take on pro bono cases representing VLS clients from start to finish through the legal system, including negotiating settlements and representing them in court. AMD sees this as a win-win situation.
The pro bono work not only supports our local community, it also creates an opportunity for our team to hone and expand its legal skill set.

In 2013, Robert Rodriguez, AMD senior corporate counsel, received a Texas Access to Justice Commission’s Corporate Counsel Pro Bono Award recognizing nearly a decade of service to low-income individuals in need of legal services.

For nearly a decade, Robert has consistently dedicated himself to pro bono activities while maintaining his corporate career working at Freescale, Intel, and now, AMD. For most of that time, he has volunteered through Volunteer Legal Services of Texas and has donated many hours to various pro bono cases and to giving advice at the evening legal clinics.

Volunteer Awards

AMD annually recognizes individual AMD volunteers, community liaisons and site teams who go above and beyond to contribute to their local communities:

Volunteer Excellence Awards—recognize individual AMD volunteers who dedicate their time and talents to serve their community. In 2013, 11 employees were recognized around the world for their exceptional volunteer efforts.

> Bobby Young, Bellevue, Wash, U.S. – Volunteers for Hollow Earth Radio, a radio station catering to the local community.
> Callan McInally, Boston, MA, U.S. – Volunteers with For Inspiration and Recognition of Science & Technology (FIRST), whose mission is to inspire young people to be science and technology leaders.
> Jagannadham Duddu, Hyderabad, India – Volunteers for FIRST.
> Rohan Karkhanis, Markham, ON, Canada – Volunteers for Holland Bloorview Kids Rehabilitation Hospital, Engineering in Residence (EIR) and Relay for Life, a major annual event by the Canadian Cancer Society (CCS).
> Shri Varadarajulu, Orlando, FL, U.S. – Volunteers with FIRST.
> Helen Wu – Pudong, Shanghai, China – Volunteers with the Shanghai Pudong Special Education School and the Xuhui District Sunshine Home.
> Sue Yee Lim, Singapore, Volunteers with the AMD Community Service Committee supporting multiple organizations.
> Nydia Nunez, Sunnyvale, CA, U.S. – Volunteers with Resource Area For Teaching (RAFT), Second Harvest Food Bank and the Boys and Girls Club of the Peninsula and Silicon Valley.
> Jane Wang, Suzhou, China – Volunteers with the Suzhou Red Cross to raise funds for education.
Other 2013 Volunteer Activities

Global Volunteer Month—AMD hosted its fourth annual Global Volunteer Month in October 2013. This month-long campaign encouraged AMD employees around the world to reach out and help their communities through company-sponsored volunteer activities. During this short time, 502 employees from 16 sites volunteered more than 1,505 hours at 38 charitable events.

Skill-Based Volunteerism—encouraging our employees to use volunteerism as a way to improve their professional skills to provide a win-win experience for the charity and the volunteer.

Technology Infrastructure Development and Services

As part of our signature education program, AMD Changing the Game, AMD contributes money, expertise, computer equipment and other services for technology centers in communities around the world. While students are the primary beneficiaries of these contributions, many of the facilities are open to the public and play an important role in the community’s access to technology. AMD contributions made in 2013 toward technology infrastructure development included $12,400 to Cyberways and Waterways, $15,000 to the Joan Gantz Cooney Center and $5,000 to the Alliance for Young Artists and Writers.

AMD Foundation and Corporate Contributions

The AMD Foundation was launched in 2008 with a vision of improving people’s lives in AMD communities around the world. Foundation assets are primarily invested in our signature educational program, AMD Changing the Game. The AMD Foundation also funds AMD’s Employee Giving Program by providing matching funds for employee donations and employee volunteerism. And, when natural disasters affect AMD communities around the world, the AMD Foundation supports relief efforts.

AMD and the AMD Foundation donate funds as well as technology and other in-kind services to support a range of nonprofit organizations, schools and universities in our communities throughout the world. The majority of our donations are made to our long-standing community partners, but each year we actively seek out new opportunities with local organizations that effectively support our local communities.

In 2013, AMD and the AMD Foundation’s combined direct and in-kind contributions exceeded $580,000. Approximately one third of this total was directed toward our AMD Changing the Game program and other educational efforts. Read more about AMD Changing the Game, including its expansion into Brazil, in the AMD Changing the Game section of this report.
In 2013, AMD continued to shape our business with a systematic approach to managing the risks and opportunities associated with shifting market and industry conditions in our core areas of business. The following sections describe our internal and public policies and programs that address these risks.

**Ethics and Compliance**

**Approach**

AMD is committed to achieving the highest standards of ethics and integrity in all aspects of our business. We implement processes to ensure that our practices are consistent with our policies. We believe the integrity of an organization begins with every employee’s commitment to our core values and their responsibility to act in concert with those values.

**Responsibilities, Policies and Resources**

AMD’s Senior Vice President and General Counsel oversees the management of corporate responsibility-related policies and practices. AMD’s corporate ethics and governance policies, oversight structures and processes include the following:

- Board of Directors
- Corporate Responsibility Council
- Principles of Corporate Governance
- AMD’s Worldwide Standards of Business Conduct
- Code of Ethics
- Corporate Compliance Committee
- Stock Ownership Guidelines
- AMD AlertLine
- Internal Audit
- Global Internal Controls and Compliance Organization
- Risk Management
- AMD Political Action Committee

**Board of Directors**

AMD’s Board of Directors is responsible for selecting the Chief Executive Officer (CEO), monitoring the operating performance and financial condition of the Company and overseeing the Company’s adherence to corporate standards. AMD’s Chairman of the Board and AMD’s CEO are currently two separate roles performed by different individuals. AMD’s Chairman of the Board is “independent” in accordance with applicable law and the New York Stock Exchange (NYSE) standards.
As of December 28, 2013, AMD’s Board consisted of 10 directors and four committees. The committees are the Audit and Finance Committee, the Compensation Committee, the Nominating and Corporate Governance Committee, and the Innovation and Technology Committee. Committee members and their Chairs are appointed by the Board annually. In accordance with AMD’s principles of corporate governance, a majority of members of the Board must meet the criteria for independence as required by applicable law and NYSE standards. The Board evaluates its own performance annually.

More information regarding AMD’s Board of Directors is available on our website. Executive compensation is linked to performance as outlined in our 2014 Proxy statement, available on the SEC website.

AMD’s Nominating and Corporate Governance Committee assists the Board in discharging its responsibilities regarding the following:

> Identification of qualified candidates to become Board members.
> Selection of nominees for election as directors at the next stockholders’ annual meeting (or special meeting of stockholders at which directors are to be elected).
> Selection of candidates to fill any vacancies on the Board.
> Development of corporate governance guidelines, recommendations to the Board on changes to the Principles of Corporate Governance, and oversight of the evaluation of the Board and management.

In addition, the Nominating and Corporate Governance Committee performs the following duties:

> Reviews the Board’s performance, composition and organization.
> Leads a process for non-employee directors to evaluate the performance of our CEO.
> Provides input regarding the evaluation of other Section 16 officers.
> Retains a search firm for the purpose of obtaining information regarding potential candidates for Board membership.

For more information, please see our 2014 Proxy Statement. Interested parties who wish to communicate with our Board of Directors or with non-employee directors may send their communications in writing to our Secretary, 7171 Southwest Parkway, M/S 100, Austin, Texas 78735, or send an email to Corporate.Secretary@amd.com. Our Secretary will forward these communications to our Chairman of the Board.

**Corporate Responsibility Council**

AMD’s Corporate Responsibility function resides organizationally under the Public Affairs/Government Relations group, which is part of the Legal Department at AMD. The Corporate Responsibility Council is a cross-functional team made up of executives from key departments, including finance, global supply management, engineering and business development. The council establishes corporate responsibility strategy and policy and routinely evaluates the company’s economic, environmental and social performance.
Principles of Corporate Governance

AMD’s Board has developed a set of principles of corporate governance as a framework for our oversight activities. These principles are intended to protect and advance the long-term interests of stockholders while being mindful of the shared interests of the Company’s other stakeholders, including employees, customers, suppliers, creditors and the communities in which we operate. In accordance with AMD’s Principles of Corporate Governance, a majority of members of the Board must meet the criteria for independence as required by applicable law and the NYSE standards. Our Board of Directors has determined that all directors who served during our 2013 fiscal year, other than Mr. Rory Read, our President and CEO, Mr. Marty Edelman, Mr. Waleed Muhairi and Mr. Ahmed Yahia, were independent in accordance with SEC and NYSE rules, and all of our director nominees for the 2014 Annual Stockholder Meeting, other than Mr. Read, Mr. Edelman and Mr. Yahia, are independent in accordance with SEC and NYSE rules.

AMD’s Worldwide Standards of Business Conduct

AMD’s Worldwide Standards of Business Conduct support our commitment to high ethical standards and compliance with laws, regulations and company policies. These standards apply to all members of AMD’s Board of Directors and employees worldwide, and are one of the key components of the company’s compliance and ethics program. They reiterate our values and outline guidelines on a broad range of workplace, business practice and conflicts of interest principles such as employment and labor practices, privacy, employee safety and health, business and accounting practices, political activities and contributions, insider trading, antitrust laws and the anti-corruption laws. The Standards were updated in October 2013, and are currently available in eight languages: English, Japanese, German, Malay, Chinese (Mandarin), Spanish, Portuguese and Russian. All employees worldwide receive access to, and training on, the Standards.

Code of Ethics

AMD’s Code of Ethics supports the commitment of our corporate officers and key finance executives to the highest ethical standards and compliance with laws, regulations and company policies applicable to corporate financial transactions, reporting and disclosure. Our executives are vested with the responsibility – and in some cases, the authority – to protect, balance and preserve the interests of our stakeholders. AMD’s executives fulfill this responsibility, in part, by prescribing and enforcing appropriate policies and procedures for the company’s finance organization, and by enforcing and adhering to the principles set forth in the Code of Ethics.

Corporate Compliance Committee

AMD’s Corporate Compliance Committee is the internal group responsible for oversight of AMD’s Worldwide Standards of Business Conduct and related policies/procedures (e.g., Foreign Corrupt Practices Act and conflict of interest rules). The committee provides regular ethics and compliance activity reports, as well as status updates to the Board of Directors.

Stock Ownership Guidelines

AMD believes that officers and members of the Board of Directors should own and hold common stock of the company to further align their interests and actions with the interests of AMD stockholders.
Therefore, the Board of Directors adopted Stock Ownership Guidelines. The guidelines vary according to officer level and specify the number of shares members of the Board and officers must own within specified time frames.

**AMD AlertLine**

The AMD AlertLine (1-800-381-6221) is a toll-free, multilingual service that accepts anonymous reports about suspected illegal activity or violations of AMD’s Worldwide Standards of Business Conduct. The AMD AlertLine is available to all AMD employees worldwide, 24 hours a day and seven days a week. The Board of Directors receives summaries of all calls. Reports may also be submitted via email at alertline@amd.com.

**Internal Audit**

The Internal Audit department provides objective assurance and consulting to support of AMD’s operational and financial performance. The Internal Audit department brings a systematic, disciplined approach to activities such as risk management, systems and process controls, and governance processes. This drives efficiency and consistency in our business processes, and helps the organization accomplish its objectives. The department has unrestricted access to all functions, property, records and personnel to conduct their reviews and make recommendations for improving or changing business practices and/or policies. Perhaps most importantly, the Internal Audit department provides a fresh perspective on improving the quality and consistency of our systems, processes and operations across the company.

**Global Internal Controls and Compliance Organization**

AMD’s Global Internal Controls and Compliance Organization (GICCO) implements internal controls and processes based on an assessment of risks to financial statements and related assertions. GICCO coordinates compliance with the requirements of the Sarbanes-Oxley Act of 2002 (SOX) to ensure that financial risks are addressed by controls that are formalized and available for external and internal audits. AMD’s approach to SOX compliance is based on risk assessment. We evaluate SOX audit findings for financial reporting purposes and the annual Internal Control Assessment Document. GICCO further educates and trains employees about the SOX requirements to help AMD ensure the reliability of financial reporting and compliance with laws and regulations.

**Risk Management**

AMD has a systematic approach to managing risk of loss, disruption or interruption of mission critical activities that are aligned with our strategic business initiatives. Our business resilience and preparation is routinely reviewed, and our management plans are updated accordingly.

AMD faces a variety of potential risks and disruptions to our operations and business that are discussed in our 2013 Annual Report on Form 10-K and updated by subsequent filings with the SEC. Our risk management processes include an integrated approach to policies, procedures and management systems such as: EHS, Quality, and Business Continuity Management (BCM). For example, our crisis management plans are designed to provide a quick, decisive and coordinated response in order to protect people and the environment, and – to the extent possible – maintain normal business operations in unforeseen
situations. Please see the **Risks and Opportunities Associated with Climate Change** section of this report for more information on climate change.

The Board’s role in risk oversight of the Company is consistent with our leadership structure, with our CEO and other members of management having responsibility for day-to-day risk management activities and processes, and our Board and its committees being actively involved in overseeing risk management for AMD. The Board and management consider “risk” for these purposes to be the possibility that an undesired event could occur that might adversely affect the achievement of our objectives. In fulfilling its oversight role, our Board focuses on understanding the nature of our enterprise risks, including reputational risk and risks in our operations, finances and strategic direction, as well as the adequacy of our risk assessment and risk management processes. In addition, our Board implements its oversight function primarily through management reports and committees of the Board.

At least annually, our Board discusses with management the appropriate level of risk relative to our corporate strategy and business objectives, and reviews with management our existing risk management processes and their effectiveness. The Board also receives periodic management updates on our business operations, financial results and strategy, and discusses and provides feedback with respect to risks related to these topics as appropriate. In addition, the Board receives full reports from the committee chairs regarding the committee’s considerations and actions related to the specific risk topics over which the committee has oversight.

**The Audit and Finance Committee**—Assists the Board in overseeing our enterprise risk management process; reviews our portfolio of risk; discusses with management significant financial, reporting, regulatory and legal compliance risks in conjunction with enterprise risk exposures as well as risks associated with our capital structure; reviews the Company’s policies with respect to risk assessment and risk management, and the actions management has taken to limit, monitor or control financial and enterprise risk exposure. The Audit and Finance Committee meets with members of our Internal Audit department to discuss any issues that warrant attention.

**The Compensation Committee**—Oversees risk management as it relates to our compensation policies and practices. The Compensation Committee conducts annual reviews of management’s assessment on whether our compensation programs may create incentives for our employees to take excessive or inappropriate risks that could have a material adverse effect on AMD.

**The Nominating and Corporate Governance Committee**—Considers potential risks related to the effectiveness of the Board, including succession planning for the Board and our overall governance.

**The Innovation and Technology Committee**—Assists the Board in its oversight responsibilities relating to technical and market risks associated with product development and investment, as well as risk mitigation policies and procedures relating to products based on new technology or significant innovations to existing technology.
AMD Political Action Committee

As part of AMD’s commitment to citizenship and community participation, AMD established the employee-driven Political Action Committee (AMD PAC) in 2005. Federal law permits corporations to establish and operate a Political Action Committee allowing eligible U.S. employees and shareholders to pool their voluntary contributions to support candidates and political committees. The federal AMD PAC is a means for our interested and eligible employees and individual shareholders to participate in the political process, and help support U.S. candidates for elective office who share the AMD PAC’s views on policies important to AMD and the semiconductor industry.

A voluntary Advisory Board comprised of AMD employees manages the bipartisan AMD PAC. This Advisory Board has established and follows contribution guidelines that consider, among other factors, the candidates’ geographic representation of AMD employees, leadership on prioritized policy matters and voting history. An annual report is available to all members of the AMD PAC, which contains the total amount of contributions, the identity of all recipients of disbursements and the amount disbursed to each recipient.

AMD complies with all applicable laws and regulations. According to U.S. law, corporations cannot contribute directly to federal candidates or national political committees. AMD is committed to full disclosure and transparency related to AMD PAC contributions. The AMD PAC regularly files public reports with the U.S. Federal Elections Commission (FEC) that contain information about contributions, expenditures and other operational matters. These reports may be found on the FEC website. AMD PAC disbursement amounts can be found in the Economic Data Tables.

Public Policy

As a global company, we believe corporate responsibility includes being an informed, active participant in the development of public policies that affect our business and our industry in the countries and communities in which we operate. Good public policy begins with diverse stakeholders participating in open and transparent proceedings to carefully examine issues and offer different perspectives that promote effective solutions.

Policies and Practice

AMD’s commitment to public policy participation includes working with governments and authorities, NGOs, trade associations and other groups to deepen our understanding of issues and diverse perspectives, as well as to share our experience and expertise as part of an informed public policy development process. We are actively engaged in a number of public policy efforts that are pertinent to our business, our industry and users of AMD technology everywhere. Some of these public policy priorities for AMD include:

> Environmental Protection
> Conflict Minerals
> Energy Efficiency and Greenhouse Gas Emissions
> Secure Technology
> Competition and Market Access
> Principal Industry and Business Associations
Environmental Protection

AMD works with customers, public entities and industry peers around the world to promote environmental protection opportunities associated with our products throughout their lifecycle. For example, recent activities around the world have addressed “green” procurement, the restriction of hazardous substances (RoHS) in electronic products, management of conflict minerals, resource efficiency and the handling of electronics waste. Specific activities include the recast of the EU’s Waste Electrical and Electronic Equipment (WEEE) and RoHS directives, RoHS and WEEE regulations in India and China, the roadmap for a resource efficient Europe, and the global REACH regulations.

In support of these initiatives, AMD engages in the development of international standards, in some cases taking a leadership role, for example, in environmental standardization as part of the International Electrotechnical Commission Technical Committee 100 (IEC TC 100) for audio, visual and multimedia equipment. AMD is also participating in study groups supporting the revision of the IEEE 1680.1 standard for Environmental Assessment of Personal Computer Products. Computer products meeting the current version of this standard are recognized in the Electronic Product Environmental Assessment Tool (EPEAT) ratings and registry. AMD is also participating in the IEEE 1680.4 Working Group developing a standard for servers.

Conflict Minerals

AMD has taken a leadership role on the Conflict Minerals issue. For more information, please see the Conflict Minerals section of Chapter V: Supplier Responsibility.

Energy Efficiency and Greenhouse Gas Emissions

AMD works with private and public stakeholders to promote energy-efficient technology. Our efforts include working with policymakers and others in the Americas, Europe and Asia to:

> Develop regulations and standards for energy-efficient computers, data center equipment and operations.
> Sponsor dialogue between public and private organizations to increase understanding of trends in energy-efficient computing.
> Create tools and metrics to measure the GHG emissions of computing products.

AMD participates in the development of voluntary energy efficiency standards for computers and servers, such as the U.S. EPA’s ENERGY STAR® program, by providing technical and market analysis and product testing data during development of specifications for computing products. We continue to work with stakeholders around the world to drive the creation of energy efficiency metrics for computing products. For example, AMD is actively engaged in the development of requirements for computing products in a number of worldwide regulatory initiatives, including in the EU's new Energy Using Products (EuP) Directive and China’s minimum energy performance standards.

AMD supports the creation of tools and metrics to measure the carbon footprint of computer products associated with the production of GHG emissions including:

> Working with MIT on independent research for our integrated circuits, and with other
stakeholders on the development of the PAIA tool for computer products.

> Engaging in the development of the IEC’s international standards and the GHG Protocol, including general industry standards for electronic products, as well as more specific Product Category Rules for computers.

> Participating in the ICT footprint initiative initiated by the European Commission Information Society and Media Directorate-General. The overarching goal is to develop consensus within the global ICT sector on a common methodological framework for measuring energy consumption and carbon emissions arising from the production, transport and selling processes of ICT goods, networks and services.

> Partnering on research to assess the energy benefits of server technology for hyperscale data centers, and to evaluate the use of renewable energy in data centers.

Learn more about AMD’s efforts in environmental protection and energy-efficient computing in the Product Stewardship section of this report.

Secure Technology

The incredible growth of data flowing through the Internet is driving an explosion of new technologies and products. With these rapidly accelerating changes comes a corresponding increase in security vulnerabilities and risks to sensitive data as it is being transported or stored.

To address evolving data security threats, AMD’s technology enables security features at all levels of IT systems – from the processor, to hardware and software applications. AMD’s open standards approach maximizes interoperability while minimizing lock-in to a single vendor of hardware systems and software. This open approach also supports a platform for the development of additional features and innovative security applications.

The evolution of security risks in cyberspace, however, cannot be solved by any one company. Within the computing industry, protection must exist throughout the entire IT stack (i.e., devices and applications working together to protect against security threats). Security solutions not only rest individually within software, hardware and networking technologies, but in the complex relationships between IT manufacturers, network providers, application developers, standards bodies, government regulators and end users.

Innovation and open competition at every level of IT architecture is vital if the technology industry is to help protect personal and business-critical information. Together with customers and peers, we are actively engaged in technology research and development, industry organizations and interactions with governments to address security issues and standards at a global level and to promote strong IT security protection.

AMD supports the following Cybersecurity Principles for Industry and Government:

1. *Leverage public-private partnerships and build upon existing initiatives and resource commitments.* By partnering with government, the IT industry has provided leadership, resources, innovation and
stewardship in every aspect of cybersecurity for more than a decade. Cybersecurity efforts are most effective when leveraging and building upon these existing initiatives, investments and partnerships.

2. **Reflect the borderless, interconnected and global nature of today’s cyber environment.** Cyberspace is a global and interconnected system that spans geographic borders and traverses national jurisdictions. The United States should exercise leadership in encouraging the use of bottom-up, industry-led, globally accepted standards, best practices and assurance programs to promote security and interoperability.

3. **Adapt rapidly to emerging threats, technologies and business models.** IT is an innovative and dynamic sector with rapidly changing and evolving technologies. Cybersecurity efforts must be equally dynamic and flexible to effectively leverage new technologies and business models and address new, ever-changing threats.

4. **Incorporate risk management.** Security is not an end state. Rather, it is a means to achieve and ensure continued trust in various technologies that comprise the cyber infrastructure. Cybersecurity efforts must facilitate an organization’s ability to properly understand, assess and take steps to manage ongoing risks in this environment.

5. **Focus on awareness.** Cyberspace’s owners include all who use it: consumers, businesses, governments and infrastructure owners and operators. Cybersecurity efforts must help these stakeholders be aware of risks to their property, reputations, operations and sometimes businesses, and better understand their important role in helping to address these risks.

6. **Focus on bad actors and their threats.** In cyberspace, as in the physical world, adversaries use instruments (in this case, technology) to carry out crime, espionage or warfare. Cybersecurity policies must enable governments to better use current laws, efforts and information sharing practices to respond to cyber criminals, threats and incidents domestically and internationally.

**Competition and Market Access**

Competition in the marketplace is fundamental to the ability of individuals and companies to innovate, bring new technologies and choice to technology consumers, and accelerate access to technology in developing regions of the world. Non-discriminatory access to markets, including the reduction or elimination of tariff and non-tariff barriers, is a crucial element of technology innovation and open competition in the global economy.

AMD is a strong advocate for policies that are designed to protect consumers from anti-competitive business practices and to ensure open markets. We strongly believe that competition and market access is a part of business ethics and should be considered as a key element in evaluating corporate responsibility.

We work with government procurement authorities around the world to promote competitive and transparent purchasing practices that are performance-based and consistent with the World Trade Organization’s Government Procurement Agreement, the global standard for fair and open government procurement policies. These efforts are helping to bring the benefits of competition – innovation, choice and cost savings – to many governments around the world, and to the taxpayers who support them.
Principle Industry and Business Associations

AMD personnel participate in a variety of industry group trade associations and standards-setting bodies to help shape emerging policies that could affect the semiconductor industry. Company personnel participate on committees at all levels and in a wide variety of groups, establishing national and international standards, evaluating the potential impact of proposed regulatory initiatives and promoting sustainable business practices.

Some major associations, industry initiatives and technical standards-setting bodies that AMD participates in include:

> International Electrotechnical Commission (IEC) Technical Committees
> The Electronic Industry Citizenship Coalition (EICC) – AMD chairs this group
> ECMA International
> Information Technology Industry Council (ITI) – AMD is Vice Chair of the board
> DigitalEurope
> The Green Grid
> Information Technology Association of Canada (ITAC)
> U.S. Semiconductor Industry Association (SIA) – AMD’s CEO and President is on the board
> World Semiconductor Council (WSC)
> Semiconductor Equipment and Materials International (SEMI)
> United States Information Technology Office (USITO) – AMD is on the board
> American Chamber of Commerce of Brazil (AmCham-Brasil)
## DATA TABLES

### LABOR

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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>(29%)</td>
<td>7%</td>
<td>0%</td>
<td>(7%)</td>
<td>3%</td>
</tr>
<tr>
<td>Asia-Pacific/China/Japan</td>
<td>(13%)</td>
<td>7%</td>
<td>(5%)</td>
<td>(11%)</td>
<td>(1%)</td>
</tr>
<tr>
<td>Europe/Africa</td>
<td>(14%)</td>
<td>8%</td>
<td>5%</td>
<td>(2%)</td>
<td>7%</td>
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<table>
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<tr>
<th>Employee Turnover</th>
<th></th>
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<tbody>
<tr>
<td>Americas</td>
<td>24%</td>
<td>8%</td>
<td>21%</td>
<td>28%</td>
<td>8%</td>
</tr>
<tr>
<td>Asia-Pacific/China/Japan</td>
<td>28%</td>
<td>16%</td>
<td>27%</td>
<td>27%</td>
<td>8%</td>
</tr>
<tr>
<td>Europe/Africa</td>
<td>48%</td>
<td>15%</td>
<td>10%</td>
<td>43%</td>
<td>5%</td>
</tr>
</tbody>
</table>

| New Hires | 1,087 | 2,342 | 2,729 | 2,151 | 2,061 |
| Americas | 49% | 40% | 33% | 37% | 38% |
| Asia-Pacific/China/Japan | 43% | 55% | 64% | 61% | 56% |
| Europe/Africa | 8% | 4% | 3% | 2% | 6% |
LABOR continued

<table>
<thead>
<tr>
<th>New Hires by Age</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
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</thead>
<tbody>
<tr>
<td>Generation Y (born 1980-2000)</td>
<td>37%</td>
<td>43%</td>
<td>55%</td>
<td>59%</td>
<td>65%</td>
</tr>
<tr>
<td>Generation X (born 1965-1979)</td>
<td>47%</td>
<td>44%</td>
<td>37%</td>
<td>33%</td>
<td>27%</td>
</tr>
<tr>
<td>Baby Boomers (born 1946-1964)</td>
<td>16%</td>
<td>13%</td>
<td>8%</td>
<td>8%</td>
<td>8%</td>
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<tr>
<td>Traditionalists (born 1927-1945)</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>0%</td>
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</table>

Return to work rates after parental Leave

<table>
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<tr>
<th>Gender</th>
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<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
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</thead>
<tbody>
<tr>
<td>Male</td>
<td>100%</td>
<td>98%</td>
<td>95%</td>
<td>95%</td>
<td>95%</td>
</tr>
<tr>
<td>Female</td>
<td>94%</td>
<td>75%</td>
<td>81%</td>
<td>69%</td>
<td>67%</td>
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</table>

Well-Being\(^1,2\)

<table>
<thead>
<tr>
<th>Category</th>
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<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
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</thead>
<tbody>
<tr>
<td>Worldwide Injury and Illness Case Rate (per 100 workers)</td>
<td>0.28</td>
<td>0.17</td>
<td>0.32</td>
<td>0.18</td>
<td>0.10</td>
</tr>
<tr>
<td>AMD U.S. Injury and Illness Case Rates (per 100 workers)</td>
<td>0.29</td>
<td>0.20</td>
<td>0.58</td>
<td>0.14</td>
<td>0.2</td>
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<tr>
<td>OSHA Case Rate - Private Industry</td>
<td>3.6</td>
<td>3.5</td>
<td>3.5</td>
<td>3.4</td>
<td>n/a</td>
</tr>
<tr>
<td>OSHA Case Rate - Computer/Electronic Product Mfg.</td>
<td>1.6</td>
<td>1.5</td>
<td>1.4</td>
<td>1.4</td>
<td>n/a</td>
</tr>
<tr>
<td>OSHA Case Rate - Scientific/Technical Services</td>
<td>1.2</td>
<td>1.0</td>
<td>1.0</td>
<td>0.9</td>
<td>n/a</td>
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<tr>
<td>U.S. Lost Work Days Case Rate (per 100 workers)(^3)</td>
<td>0.00</td>
<td>0.03</td>
<td>0.03</td>
<td>0.00</td>
<td>1.1</td>
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<tr>
<td>Volunteerism(^4)</td>
<td>22%</td>
<td>21%</td>
<td>18%</td>
<td>15%</td>
<td>14%</td>
</tr>
<tr>
<td>AMD Volunteers</td>
<td>1,209</td>
<td>1,573</td>
<td>1,534</td>
<td>1,202</td>
<td>1,185</td>
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<tr>
<td>AMD Volunteer Hours(^5)</td>
<td>10,677</td>
<td>12,000</td>
<td>12,693</td>
<td>7,735</td>
<td>9,043</td>
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<tr>
<td>Number of Volunteer Events</td>
<td>138</td>
<td>197</td>
<td>253</td>
<td>196</td>
<td>146</td>
</tr>
<tr>
<td>Units of Blood Donated</td>
<td>1,681</td>
<td>1,336</td>
<td>1,332</td>
<td>1,005</td>
<td>1,219</td>
</tr>
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</table>

Notes:
Not available = n/a

1. Minor (first aid level) injuries are not included.
2. Our reporting guidelines are based on OSHA reporting criteria.
3. Lost days are calculated based on scheduled work days.
4. Numbers include contributions from AMD employees and contractors.
5. Volunteer hours in 2014 include individual employee volunteer hours in addition to hours recorded for company-sponsored volunteer activities. Numbers for prior years included company-sponsored events only.
<table>
<thead>
<tr>
<th></th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Revenue (In millions)</td>
<td>$5,403</td>
<td>$6,494</td>
<td>$6,568</td>
<td>$5,422</td>
<td>$5,299</td>
</tr>
<tr>
<td>Research &amp; Development (In millions)</td>
<td>$1,721</td>
<td>$1,405</td>
<td>$1,453</td>
<td>$1,354</td>
<td>$1,201</td>
</tr>
<tr>
<td>Net Income (In millions)</td>
<td>$293</td>
<td>$471</td>
<td>$491</td>
<td>$(1,183)</td>
<td>$(83)</td>
</tr>
<tr>
<td><strong>Social Investment</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMD Foundation</td>
<td>$660,895</td>
<td>$1,675,809</td>
<td>$2,649,564</td>
<td>$2,646,333</td>
<td>$234,931</td>
</tr>
<tr>
<td>AMD, Inc. (USD)</td>
<td>$1,564,393</td>
<td>$1,525,151</td>
<td>$1,561,711</td>
<td>$560,245</td>
<td>$351,539</td>
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<tr>
<td>Cash and In-Kind by Region</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Americas</td>
<td>$ 2,086,308</td>
<td>$ 2,878,218</td>
<td>$3,849,609</td>
<td>$3,032,294</td>
<td>$410,813</td>
</tr>
<tr>
<td>Europe/Africa</td>
<td>$ -</td>
<td>$ -</td>
<td>$125,623</td>
<td>$51,903</td>
<td>$ -</td>
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<tr>
<td>Asia-Pacific/China/India</td>
<td>$138,980</td>
<td>$322,742</td>
<td>$236,043</td>
<td>$122,381</td>
<td>$175,657</td>
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<tr>
<td><strong>Cash and In-Kind by Category</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>$1,203,428</td>
<td>$2,532,538</td>
<td>$2,935,483</td>
<td>$2,172,949</td>
<td>$300,621</td>
</tr>
<tr>
<td>Basic Needs</td>
<td>$86,009</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
<td>$ -</td>
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<tr>
<td>Community Development</td>
<td>$935,851</td>
<td>$ 668,423</td>
<td>$1,275,792</td>
<td>$1,033,628</td>
<td>$285,849</td>
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<tr>
<td><strong>Environmental Benefits</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash for Previous Metal Reclai (USD)</td>
<td>$2,709,995</td>
<td>$1,855,641</td>
<td>$2,547,657</td>
<td>$1,468,585</td>
<td>$1,168,281</td>
</tr>
<tr>
<td>Cash for Tray Reuse and Recycle (USD)</td>
<td>n/a</td>
<td>n/a</td>
<td>$711,496</td>
<td>$270,162</td>
<td>$375,395</td>
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<tr>
<td><strong>AMD Political Action Committee (PAC)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disbursements</td>
<td>$13,800</td>
<td>$2,500</td>
<td>$3,500</td>
<td>$3,500</td>
<td>$2,000</td>
</tr>
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</table>

**Notes:**

1. Economic data for current and past years are updated annually to reflect AMD’s most recent financial reports.
2. In 2010, the Basic Needs category was combined with the Community Development category.
## Environmental

<table>
<thead>
<tr>
<th>Energy</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy Use (Direct and Indirect, TJ)</strong></td>
<td>1,800</td>
<td>1,703</td>
<td>1,703</td>
<td>1,566</td>
<td>1,393</td>
</tr>
<tr>
<td><strong>Energy Use (Direct and Indirect, GWh)</strong></td>
<td>500</td>
<td>474</td>
<td>473</td>
<td>436</td>
<td>387</td>
</tr>
<tr>
<td><strong>ATMP Energy Use (GWh)</strong></td>
<td>224</td>
<td>179</td>
<td>185</td>
<td>124</td>
<td>129</td>
</tr>
<tr>
<td>Penang</td>
<td>37</td>
<td>47</td>
<td>61</td>
<td>60</td>
<td>67</td>
</tr>
<tr>
<td>Singapore^2</td>
<td>148</td>
<td>90</td>
<td>74</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Suzhou</td>
<td>39</td>
<td>42</td>
<td>50</td>
<td>63</td>
<td>61</td>
</tr>
<tr>
<td><strong>Normalized ATMP Energy Use (kWh/PI)</strong></td>
<td>1.14</td>
<td>0.96</td>
<td>1.00</td>
<td>n/a</td>
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<tr>
<td><strong>Non-Manufacturing Energy Use (GWh)</strong></td>
<td>276</td>
<td>295</td>
<td>288</td>
<td>255</td>
<td>226</td>
</tr>
<tr>
<td>Austin</td>
<td>158</td>
<td>184</td>
<td>177</td>
<td>144</td>
<td>115</td>
</tr>
<tr>
<td>Markham</td>
<td>34</td>
<td>33</td>
<td>35</td>
<td>36</td>
<td>32</td>
</tr>
<tr>
<td>Singapore^2</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>57</td>
<td>32</td>
</tr>
<tr>
<td>Sunnyvale</td>
<td>32</td>
<td>33</td>
<td>31</td>
<td>33</td>
<td>31</td>
</tr>
<tr>
<td>Others sites combined</td>
<td>53</td>
<td>45</td>
<td>45</td>
<td>42</td>
<td>47</td>
</tr>
<tr>
<td><strong>Renewable Energy Use (GWh)</strong></td>
<td>69</td>
<td>67</td>
<td>74</td>
<td>62</td>
<td>54</td>
</tr>
<tr>
<td><strong>Non Renewable Energy Use (GWh)</strong></td>
<td>430</td>
<td>407</td>
<td>399</td>
<td>373</td>
<td>333</td>
</tr>
<tr>
<td><strong>Total Energy/Revenue (kWh/$)</strong></td>
<td>0.09</td>
<td>0.07</td>
<td>0.07</td>
<td>0.08</td>
<td>0.07</td>
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<tr>
<td><strong>Energy Conservation (MWh)</strong></td>
<td>n/a</td>
<td>n/a</td>
<td>5,282</td>
<td>7,934</td>
<td>30,795</td>
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<tr>
<td>Austin</td>
<td>n/a</td>
<td>n/a</td>
<td>168</td>
<td>473</td>
<td>1,676</td>
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<td>n/a</td>
<td>4</td>
<td>13</td>
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<td>Sunnyvale</td>
<td>n/a</td>
<td>n/a</td>
<td>117</td>
<td>235</td>
<td>1,074</td>
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<tr>
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<td>n/a</td>
<td>570</td>
<td>665</td>
<td>15,821</td>
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<td>n/a</td>
<td>3,045</td>
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<td>1,015</td>
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<td>n/a</td>
<td>1,378</td>
<td>6,271</td>
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<td><strong>Electricity (Indirect Energy Use, TJ)</strong></td>
<td>1,447</td>
<td>1,253</td>
<td>1,303</td>
<td>1,303</td>
<td>1,174</td>
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<td><strong>Electricity Use (Indirect Energy, GWh)</strong></td>
<td>402</td>
<td>348</td>
<td>362</td>
<td>362</td>
<td>326</td>
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<tr>
<td><strong>ATMP Electricity Use (GWh)</strong></td>
<td>223</td>
<td>178</td>
<td>185</td>
<td>124</td>
<td>129</td>
</tr>
<tr>
<td>Penang</td>
<td>37</td>
<td>47</td>
<td>61</td>
<td>60</td>
<td>67</td>
</tr>
<tr>
<td>Singapore^2</td>
<td>148</td>
<td>90</td>
<td>74</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Suzhou</td>
<td>38</td>
<td>41</td>
<td>50</td>
<td>63</td>
<td>61</td>
</tr>
<tr>
<td><strong>Non-Manufacturing Electricity Use (GWh)</strong></td>
<td>179</td>
<td>170</td>
<td>177</td>
<td>182</td>
<td>165</td>
</tr>
<tr>
<td>Austin</td>
<td>69</td>
<td>67</td>
<td>74</td>
<td>79</td>
<td>61</td>
</tr>
<tr>
<td>Markham</td>
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<td>29</td>
<td>30</td>
<td>32</td>
<td>29</td>
</tr>
<tr>
<td>Singapore^2</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>57</td>
<td>32</td>
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<tr>
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<td>28</td>
<td>29</td>
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</table>
ENVIRONMENTAL, continued

<table>
<thead>
<tr>
<th></th>
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<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Others sites combined</td>
<td>53</td>
<td>45</td>
<td>45</td>
<td>42</td>
<td>47</td>
</tr>
<tr>
<td>Energy Use (Direct, Tj)</td>
<td>353</td>
<td>450</td>
<td>400</td>
<td>263</td>
<td>220</td>
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<td>Energy Use (Direct, GWh)</td>
<td>98</td>
<td>125</td>
<td>111</td>
<td>73</td>
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<td>ATMP Direct Energy Use (GWh)</td>
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<td>1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
<tr>
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<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Singapore</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
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<td>1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
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<td>Non-Manufacturing Direct Energy Use (GWh)</td>
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<td>111</td>
<td>73</td>
<td>61</td>
</tr>
<tr>
<td>Austin</td>
<td>89</td>
<td>117</td>
<td>103</td>
<td>65</td>
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<td>5</td>
<td>4</td>
<td>3</td>
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<tr>
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<td>n/a</td>
<td>&lt;1</td>
<td>&lt;1</td>
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<td>4</td>
<td>3.6</td>
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<tr>
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<td>&lt;1</td>
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</tbody>
</table>

**GHG Emissions**

Scope 1 GHG Emissions (MTCO\(_2\)e)

<table>
<thead>
<tr>
<th>Region</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMP</td>
<td>37,513</td>
<td>26,628</td>
<td>45,014</td>
<td>41,175</td>
<td>60,721</td>
</tr>
<tr>
<td>Penang</td>
<td>32,647</td>
<td>21,857</td>
<td>38,729</td>
<td>26,025</td>
<td>51,279</td>
</tr>
<tr>
<td>Singapore</td>
<td>23</td>
<td>54</td>
<td>153</td>
<td>3,217</td>
<td>25,480</td>
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<tr>
<td>Suzhou</td>
<td>27,659</td>
<td>17,553</td>
<td>21,163</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>ATMP Normalized Scope 1 GHG Emissions (kgCO(_2)e/PI)</td>
<td>4,965</td>
<td>4,249</td>
<td>17,413</td>
<td>22,808</td>
<td>25,799</td>
</tr>
<tr>
<td>Non-Manufacturing Scope 1 GHG Emissions</td>
<td>0.17</td>
<td>0.12</td>
<td>0.21</td>
<td>0.20</td>
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<td>1,693</td>
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<td>757</td>
<td>676</td>
<td>652</td>
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<tr>
<td>All other sites combined</td>
<td>454</td>
<td>340</td>
<td>278</td>
<td>698</td>
<td>581</td>
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Scope 2 GHG Emissions (MTCO\(_2\)e)

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<tr>
<th>Region</th>
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<td>792</td>
<td>757</td>
<td>676</td>
<td>652</td>
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<tr>
<td>All other sites combined</td>
<td>454</td>
<td>340</td>
<td>278</td>
<td>698</td>
<td>581</td>
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ATMP Normalized Scope 2 GHG Emissions (kgCO\(_2\)e/PI)

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<td>0.575</td>
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<td>Non-Manufacturing Scope 2 GHG Emissions (\text{MTCO}_2\text{e})</td>
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<td>Austin</td>
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</tr>
<tr>
<td>Markham</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sunnyvale(^2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>All other sites combined</td>
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<td>Total (Scope 1 and 2) GHG Emissions (\text{MTCO}_2\text{e})</td>
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<td>167,012</td>
<td>191,637</td>
<td>199,979</td>
<td>206,477</td>
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<table>
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<td>Goal (% Water Use Avoided)</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
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<td>Goal Performance (% Water Use Avoided)</td>
<td>n/a</td>
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<td>n/a</td>
<td>2.4%</td>
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<td>Non-Manufacturing Water Use (million liters)</td>
<td>311</td>
<td>320</td>
<td>313</td>
<td>364</td>
<td>391</td>
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<tr>
<td>Austin</td>
<td>173</td>
<td>159</td>
<td>160</td>
<td>122</td>
<td>118</td>
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<td>Markham</td>
<td>44</td>
<td>63</td>
<td>66</td>
<td>46</td>
<td>53</td>
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<td>Singapore</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>87</td>
<td>57</td>
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<td>Sunnyvale</td>
<td>88</td>
<td>87</td>
<td>71</td>
<td>84</td>
<td>65</td>
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<tr>
<td>Other sites combined</td>
<td>6</td>
<td>10</td>
<td>16</td>
<td>24</td>
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</tr>
<tr>
<td>Non-Manufacturing Normalized Water Use (liters/employee)</td>
<td>53,736</td>
<td>51,200</td>
<td>45,754</td>
<td>39,910</td>
<td>40,331</td>
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<tr>
<td>Goal (liters/employee)</td>
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<td>n/a</td>
<td>n/a</td>
<td>19.7</td>
<td>35.2</td>
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<tr>
<td>Non-Manufacturing Water Conservation (million liters)</td>
<td>42,989</td>
<td>42,989</td>
<td>42,989</td>
<td>42,989</td>
<td>42,989</td>
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<tr>
<td>Austin</td>
<td>n/a</td>
<td>n/a</td>
<td>19.7</td>
<td>35.2</td>
<td>18.9</td>
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<td>n/a</td>
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<td>0.6</td>
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<tr>
<td>Sunnyvale</td>
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<td>n/a</td>
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<td>5.1</td>
<td>4.3</td>
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<td>Contract Manufacturing (million liters)</td>
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<td>n/a</td>
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<td>5,152</td>
<td>5,098</td>
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<td>Water Use/Revenue (liter/$)</td>
<td>0.14</td>
<td>0.14</td>
<td>0.14</td>
<td>0.16</td>
<td>0.17</td>
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### Waste

<table>
<thead>
<tr>
<th>Non-Hazardous Waste (NHW) Generated (metric tons)</th>
<th>1,953</th>
<th>2,070</th>
<th>2,126</th>
<th>1,730</th>
<th>2,049</th>
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<tbody>
<tr>
<td>ATMP NHW Generated</td>
<td>840</td>
<td>753</td>
<td>744</td>
<td>497</td>
<td>528</td>
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<tr>
<td>Penang</td>
<td>263</td>
<td>226</td>
<td>227</td>
<td>187</td>
<td>195</td>
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<tr>
<td>Singapore</td>
<td>n/a</td>
<td>n/a</td>
<td>216</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Suzhou</td>
<td>367</td>
<td>263</td>
<td>301</td>
<td>309</td>
<td>333</td>
</tr>
<tr>
<td>Non-Manufacturing NHW Generated</td>
<td>1,114</td>
<td>1,317</td>
<td>1,382</td>
<td>1,233</td>
<td>1,521</td>
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<tr>
<td>Austin</td>
<td>349</td>
<td>588</td>
<td>375</td>
<td>291</td>
<td>584</td>
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<tr>
<td>Markham</td>
<td>382</td>
<td>244</td>
<td>363</td>
<td>327</td>
<td>256</td>
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<tr>
<td>Singapore</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
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<td>130</td>
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<tr>
<td>Sunnyvale</td>
<td>383</td>
<td>485</td>
<td>644</td>
<td>455</td>
<td>551</td>
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<td>NHW Recycled</td>
<td>783</td>
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<td>1,209</td>
<td>1,109</td>
<td>1,597</td>
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<td>ATMP NHW Recycled</td>
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<td>318</td>
<td>367</td>
<td>261</td>
<td>382</td>
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<tr>
<td>Non-Manufacturing NHW Recycled</td>
<td>514</td>
<td>732</td>
<td>841</td>
<td>848</td>
<td>1,215</td>
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<tr>
<td>NHW Landfilled</td>
<td>1,171</td>
<td>1,020</td>
<td>917</td>
<td>621</td>
<td>452</td>
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<tr>
<td>ATMP NHW Landfilled</td>
<td>571</td>
<td>434</td>
<td>377</td>
<td>236</td>
<td>145</td>
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## ENVIRONMENTAL, continued

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<td>Non-Manufacturing NHW Landfilled</td>
<td>600</td>
<td>585</td>
<td>540</td>
<td>385</td>
<td>306</td>
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<td>NHW Landfill Diversion Rate (%)</td>
<td>40%</td>
<td>51%</td>
<td>57%</td>
<td>64%</td>
<td>78%</td>
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<td>Goal (Landfill Diversion Rate (%))</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
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<td>5,738</td>
<td>5,991</td>
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<td>Hazardous Waste (HW) Generated (metric tons)</td>
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<td>49</td>
<td>96</td>
<td>151</td>
<td>147</td>
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<tr>
<td>ATMP HW Generated</td>
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<td>49</td>
<td>95</td>
<td>147</td>
<td>146</td>
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<tr>
<td>Penang</td>
<td>44</td>
<td>47</td>
<td>93</td>
<td>95</td>
<td>72</td>
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<td>1</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
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<td>1</td>
<td>&lt;1</td>
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<td>n/a</td>
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<tr>
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<td>1</td>
<td>3</td>
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<td>&lt;1</td>
<td>1</td>
<td>&lt;1</td>
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<td>&lt;1</td>
<td>&lt;1</td>
<td>&lt;1</td>
<td>1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>HW Recycled/Reused</td>
<td>44</td>
<td>46</td>
<td>93</td>
<td>102</td>
<td>76</td>
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<td>46</td>
<td>93</td>
<td>99</td>
<td>76</td>
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<tr>
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<td>&lt;1</td>
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<td>3</td>
<td>&lt;1</td>
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<td>HW Treated Off-Site</td>
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<td>49</td>
<td>69</td>
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<tr>
<td>ATMP HW Treated Off-Site</td>
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<td>2</td>
<td>2</td>
<td>48</td>
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<td>0.2</td>
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<td>&lt;1</td>
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<td>0.13</td>
<td>0.10</td>
<td>0</td>
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<tr>
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<td>0.13</td>
<td>0.10</td>
<td>0</td>
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<tr>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
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<td>2,119</td>
<td>2,222</td>
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<td>0.33</td>
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<td>0.35</td>
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<td>Product Scrap for Precious Metal Reclaim</td>
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<td>Trays Reused</td>
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<td>n/a</td>
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<td>95</td>
<td>93</td>
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<tr>
<td>Trays Recycled</td>
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### ENVIRONMENTAL, continued

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<tr>
<td>Waste Water Discharge (million liters)</td>
<td>284</td>
<td>320</td>
<td>364</td>
<td>391</td>
<td>235</td>
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<tr>
<td>Austin</td>
<td>84</td>
<td>61</td>
<td>41</td>
<td>38</td>
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<td>122</td>
<td>139</td>
<td>143</td>
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<td>60</td>
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<td>23</td>
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<td>Suzhou</td>
<td>89</td>
<td>81</td>
<td>136</td>
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<td>Wastewater generated per Revenue (liters/$)</td>
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<td>0.05</td>
<td>0.06</td>
<td>0.07</td>
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<td>19,820</td>
<td>38,802</td>
<td>35,192</td>
<td>49,330</td>
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<td>Number of Environmental Non-Compliances</td>
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### Notes:
- n/a = not available.
- Values shown in italics represent corrected data and are different from values shown in previous CR Reports.
- 2005-2008 archived data are available on our website.

1. 2009 data does not include wafer manufacturing contributions from assets transferred to GLOBALFOUNDRIES in March 2009.
2. Singapore transitioned from a manufacturing site to a non-manufacturing in 2012, and reported separately.
3. PI – The Production Index is derived from the number of units produced and cycle time which is an indicator of processing complexity. Starting in 2013, AMD no longer normalizes using PI.
4. AMD’s Lone Star campus in Austin TX is 100% powered by renewable wind energy. In 2013, a total of 54 GWh renewable wind energy was also applied to sites in Atlanta, Ga, Fort Collins, Co, Orlando, Fl. and Austin, TX.
5. There was no renewable direct energy used in 2013.
6. In 2013, AMD reset the two environmental goals focused on manufacturing facilities. The reset was largely prompted by the inaccuracy of our normalizing factor (PI) in assessing environmental performance.
7. Data provided by AMD contract manufacturers and proportioned based on AMD product manufactured. TSMC Scope 1 GHG emissions include perfluorocarbon (PFC) emissions only.
8. AMD is not aware of any water sources significantly affected by withdrawal of water at any location.
9. This includes water use from facilities at eleven (11) sites. AMD is working on increasing the number of sites for which water data is collected.
10. Non-manufacturing normalized water data (liters/employee) is normalized using the number of employees at those sites for which water data is collected.
12. All wastewater from sites are discharged into municipal wastewater treatment plants. All discharges were within permitted water quality limits and no violations were issued.
13. Fugitive emissions of greenhouse gases are included as part of total carbon equivalent emissions.
14. 2013 non-compliances were due to 1) a 2012 exceedance of permitted groundwater treatment system discharge limits at AMDs Sunnyvale CA location. 2) Improper waste label and inoperative wastewater flow meter at AMD’s Penang Malaysia location and 3.) Failure to properly notify a regulatory agency of a past generator installation at AMD’s Austin TX site (self-reported upon discovery).
GRI TABLES

GRI Application Level: We have reviewed our 2013 disclosures against the GRI G3.1 guidelines and declared our reporting to be Application Level “A” (Self-declared). The details of how our 2013 disclosures address the GRI G3.1 guidelines are further defined in the GRI Index table below.

### STANDARD DISCLOSURES PART I: Profile Disclosures

<table>
<thead>
<tr>
<th>Profile Disclosure</th>
<th>Description</th>
<th>Reported</th>
<th>Cross-reference/Direct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Statement from the most senior decision-maker of the organization.</td>
<td>●</td>
<td>Message from the CEO</td>
</tr>
<tr>
<td>1.2</td>
<td>Description of key impacts, risks and opportunities.</td>
<td>●</td>
<td>Risk Management and Risks and Opportunities Related to Climate Change.</td>
</tr>
<tr>
<td>2.1</td>
<td>Name of the organization.</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.2</td>
<td>Primary brands, products and/or services.</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.3</td>
<td>Operational structure of the organization, including main divisions, operating companies, subsidiaries and joint ventures.</td>
<td>●</td>
<td>Transparency</td>
</tr>
<tr>
<td>2.4</td>
<td>Location of organization’s headquarters.</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.5</td>
<td>Number of countries where the organization operates, and names of countries with either major operations or that are specifically relevant to the sustainability issues covered in the report.</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.6</td>
<td>Nature of ownership and legal form.</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.7</td>
<td>Markets served (including geographic breakdown, sectors served and types of customers/beneficiaries).</td>
<td>●</td>
<td>AMD At A Glance</td>
</tr>
<tr>
<td>2.8</td>
<td>Scale of the reporting organization.</td>
<td>●</td>
<td>AMD At A Glance, 2013 Annual Report on Form 10-K</td>
</tr>
<tr>
<td>2.9</td>
<td>Significant changes during the reporting period regarding size, structure or ownership.</td>
<td>●</td>
<td>Transparency</td>
</tr>
<tr>
<td>2.10</td>
<td>Awards received in the reporting period.</td>
<td>●</td>
<td>Awards and Recognitions</td>
</tr>
<tr>
<td>3.1</td>
<td>Reporting period (e.g., fiscal/calendar year) for information provided.</td>
<td>●</td>
<td>Transparency</td>
</tr>
<tr>
<td>3.2</td>
<td>Date of most recent previous report (if any).</td>
<td>●</td>
<td>Transparency</td>
</tr>
<tr>
<td>3.3</td>
<td>Reporting cycle (annual, biennial, etc.).</td>
<td>●</td>
<td>Transparency</td>
</tr>
<tr>
<td>3.4</td>
<td>Contact point for questions regarding the report or its contents.</td>
<td>●</td>
<td>Overview</td>
</tr>
<tr>
<td>3.5</td>
<td>Process for defining report content.</td>
<td>●</td>
<td>Material Issues, Strategy and the CR Council, Transparency, Stakeholder Engagement Panel, GRI Transparency</td>
</tr>
<tr>
<td>3.6</td>
<td>Boundary of the report (e.g., countries, divisions, subsidiaries, leased facilities, joint ventures, suppliers). See GRI Boundary Protocol for further guidance.</td>
<td>●</td>
<td>Transparency</td>
</tr>
</tbody>
</table>
3.7 State any specific limitations on the scope or boundary of the report (see completeness principle for explanation of scope).

3.8 Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations and other entities that can significantly affect comparability from period-to-period and/or between organizations.

3.9 Data measurement techniques and the bases of calculations, including assumptions and techniques underlying estimations applied to the compilation of the Indicators and other information in the report. Explain any decisions not to apply, or to substantially diverge from, the GRI Indicator Protocols.

3.10 Explanation of the effect of any restatements of information provided in earlier reports, and the reasons for such restatement (e.g., mergers/acquisitions, change of base years/periods, nature of business, measurement methods).

3.11 Significant changes from previous reporting periods in the scope, boundary or measurement methods applied in the report.

3.12 Table identifying the location of the Standard Disclosures in the report.

3.13 Policy and current practice with regard to seeking external assurance for the report.

4. Governance, Commitments and Engagement

<table>
<thead>
<tr>
<th>Profile Disclosure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>Governance structure of the organization, including committees under the highest governance body responsible for specific tasks, such as setting strategy or organizational oversight.</td>
</tr>
<tr>
<td>4.2</td>
<td>Indicate whether the Chair of the highest governance body is also an executive officer.</td>
</tr>
<tr>
<td>4.3</td>
<td>For organizations that have a unitary board structure, state the number and gender of members of the highest governance body that are independent and/or non-executive members.</td>
</tr>
<tr>
<td>4.4</td>
<td>Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body.</td>
</tr>
<tr>
<td>4.5</td>
<td>Linkage between compensation for members of the highest governance body, senior managers and executives (including departure arrangements), and the organization’s performance (including social and environmental performance).</td>
</tr>
<tr>
<td>4.6</td>
<td>Processes in place for the highest governance body to ensure conflicts of interest are avoided.</td>
</tr>
<tr>
<td>4.7</td>
<td>Process for determining the composition, qualifications and expertise of the members of the highest governance body and its committees, including any consideration of gender and other indicators of diversity.</td>
</tr>
</tbody>
</table>
4.8 Internally developed statements of mission or values, codes of conduct and principles relevant to economic, environmental and social performance and the status of their implementation.

4.9 Procedures of the highest governance body for overseeing the organization’s identification and management of economic, environmental and social performance, including relevant risks and opportunities, and adherence or compliance with internationally agreed standards, codes of conduct and principles.

4.10 Processes for evaluating the highest governance body’s own performance, particularly with respect to economic, environmental and social performance.

4.11 Explanation of whether and how the precautionary approach or principle is addressed by the organization.

4.12 Externally developed economic, environmental and social charters, principles or other initiatives to which the organization subscribes or endorses.

4.13 Memberships in associations (such as industry associations) and/or national/international advocacy organizations in which the organization: * Has positions in governance bodies; * Participates in projects or committees; * Provides substantive funding beyond routine membership dues; or * views membership as strategic.

4.14 List of stakeholder groups engaged by the organization.

4.15 Basis for identification and selection of stakeholders with whom to engage.

4.16 Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group.

4.17 Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting.
<table>
<thead>
<tr>
<th>Economic Performance Indicator</th>
<th>Description</th>
<th>Reported</th>
<th>Cross-reference/Direct answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC1</td>
<td>Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings and payments to capital providers and governments.</td>
<td></td>
<td>AMD collaborates with governments around the world to help accelerate innovation, create and retain jobs, provide educational assistance and job training and implement other public economic development programs. AMD does not receive significant financial assistance from government other than assistance associated with AMD investments in equipment and facilities, employment or research and development that are publicly provided by federal, state and local governments around the world. We do not report on this indicator on a company-wide basis because our accounting practices do not separate out government-specific incentives. See Public Policy for more information on our interactions with governments. Also see Economic Data Tables and 2013 Annual Report on Form 10-K. Risk and Opportunities Related to Climate Change.</td>
</tr>
<tr>
<td>EC2</td>
<td>Financial implications and other risks and opportunities for the organization’s activities due to climate change.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC3</td>
<td>Coverage of the organization’s defined benefit plan obligations.</td>
<td>AMD does not offer defined benefit retirement plans. Please see Compensation and Benefits for a description of our programs.</td>
<td></td>
</tr>
<tr>
<td>EC4</td>
<td>Significant financial assistance received from government.</td>
<td></td>
<td>AMD collaborates with governments around the world to help accelerate innovation, create and retain jobs, provide educational assistance and job training and implement other public economic development programs. AMD does not receive significant financial assistance from government other than assistance associated with AMD investments in equipment and facilities, employment or research and development that are publicly provided by federal, state and local governments around the world. We do not report on this indicator on a company-wide basis because our accounting practices do not separate out government-specific incentives. See Public Policy for more information on our interactions with governments.</td>
</tr>
</tbody>
</table>

**Market presence**

<table>
<thead>
<tr>
<th>Economic Performance Indicator</th>
<th>Description</th>
<th>Reported</th>
<th>Cross-reference/Direct answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC5</td>
<td>Range of ratios of standard entry-level wage by gender compared to local minimum wage at significant locations of operation.</td>
<td></td>
<td>AMD consistently pays more than the minimum wage in every country in which we operate. Please see Compensation and Benefits.</td>
</tr>
<tr>
<td>EC6</td>
<td>Policy, practices and proportion of spending on locally based suppliers at significant locations of operation.</td>
<td></td>
<td>AMD has no specific policy related to spending on locally based suppliers at significant locations.</td>
</tr>
</tbody>
</table>
The majority of AMD’s senior management comes from the local communities where we operate. In 2013, 75% of managers were hired from the local community. AMD targets local talent pools via job boards, alumni associations, University Relations activities. See Talent Management and University Relations and Student Experience.

Indirect economic impacts

The development and impact of infrastructure investments and services provided primarily for public benefit through commercial, in-kind or pro-bono engagement.

Understanding and describing significant indirect economic impacts, including the extent of impacts.

Environmental Performance Indicator | Description | Reported | Cross-reference/Direct answer
--- | --- | --- | ---
Materials
EN1 | Materials used by weight or volume. | Î | In 2013, AMD used approximately 900 tons of retail packaging material.
EN2 | Percentage of materials used that are recycled input materials. | Î | In 2013, at least 10% of total packaging used was recycled content. We did not actively seek to include recycled materials in our products.
Energy
EN3 | Direct energy consumption by primary energy source. | Î | See Environmental Data Tables.
EN4 | Indirect energy consumption by primary source. | Î | See Environmental Data Tables.
EN5 | Energy saved due to conservation and efficiency improvements. | Î | See Environmental Data Tables.
EN6 | Initiatives to provide energy-efficient or renewable energy-based products and services, and reductions in energy requirements as a result of these initiatives. | Î | See Risks and Opportunity Related to Climate Change and Product Stewardship.
EN7 | Initiatives to reduce indirect energy consumption and reductions achieved. | Î | See Global Environmental Goals and Performance, Economic Data Tables and Environmental Data Tables.
Water
EN8 | Total water withdrawal by source. | Î | See Environmental Data Tables.
EN9 | Water sources significantly affected by withdrawal of water. | Î | See Environmental Data Tables.
EN10 | Percentage and total volume of water recycled and reused. | Î | See Environmental Data Tables.
## Biodiversity

**EN11** Location and size of land owned, leased, managed in or adjacent to protected areas and areas of high biodiversity value outside protected areas.  
- We do not report on these points (no intention of reporting in the future) since the disclosure as prescribed by the GRI Guidelines is not applicable to our business because AMD does not operate in protected areas.

**EN12** Description of significant impacts of activities, products and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas.  
- same as above

**EN13** Habitats protected or restored.  
- same as above

**EN14** Strategies, current actions and future plans for managing impacts on biodiversity.  
- same as above

**EN15** Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk.  
- same as above

## Emissions, effluents and waste

**EN16** Total direct and indirect greenhouse gas emissions by weight.  
- See [Environmental Data Tables](#).

**EN17** Other relevant indirect greenhouse gas emissions by weight.  
- See [Environmental Data Tables](#).

**EN18** Initiatives to reduce greenhouse gas emissions and reductions achieved.  
- See [Environmental Data Tables](#).

**EN19** Emissions of ozone-depleting substances by weight.  
- See [Environmental Data Tables](#).

**EN20** NOx, SOx and other significant air emissions by type and weight.  
- See [Environmental Data Tables](#).

**EN21** Total water discharge by quality and destination.  
- See [Environmental Data Tables](#).

**EN22** Total weight of waste by type and disposal method.  
- See [Environmental Data Tables](#).

**EN23** Total number and volume of significant spills.  
- There were no significant spills in 2013.

**EN24** Weight of transported, imported, exported or treated waste deemed hazardous under the terms of the Basel Convention Annex I, II, III and VIII, and percentage of transported waste shipped internationally.  
- In 2013, AMD did not ship any waste under the terms of the Basel Convention.

**EN25** Identity, size, protected status and biodiversity value of water bodies and related habitats significantly affected by the reporting organization’s discharges of water and runoff.  
- All wastewater from AMD sites was discharged into municipal wastewater treatment plants. To AMD’s knowledge, there are no water bodies significantly affected by AMD’s water discharges. See [Environmental Data Tables](#).

## Products and services

**EN26** Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.  
- See [Product Stewardship](#).

**EN27** Percentage of products sold and their packaging materials that are reclaimed by category.  
- AMD primarily designs semiconductor components and does not primarily sell to end users of our products. We do not have processes in place to reclaim product or packaging material after use.

## Compliance

**EN28** Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with environmental laws and regulations.  
- There were 3 non-compliances noted in 2013. See [Environmental Data Tables](#).
Transport

**EN29**  
Significant environmental impacts of transporting products and other goods and materials used for the organization’s operations, and transporting members of the workforce.

See Environmental Data Tables, Addressing Other Indirect Emissions and Product Packaging.

Overall

**EN30**  
Total environmental protection expenditures and investments by type.

AMD does not currently track this information.

Social: Labor Practices and Decent Work

<table>
<thead>
<tr>
<th>Performance Indicator</th>
<th>Description</th>
<th>Reported</th>
<th>Cross-reference/Direct answer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Employment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LA1</strong></td>
<td>Total workforce by employment type, employment contract and region, broken down by gender.</td>
<td>●</td>
<td>See Labor Data Tables.</td>
</tr>
<tr>
<td><strong>LA2</strong></td>
<td>Total number and rate of new employee hires and employee turnover by age group, gender and region.</td>
<td>●</td>
<td>See Labor Data Tables.</td>
</tr>
<tr>
<td><strong>LA3</strong></td>
<td>Benefits provided to full-time employees that are not provided to temporary or part-time employees, by major operations.</td>
<td>●</td>
<td>Full time U.S. employees, including those who work at least 30 hours per week, are eligible for all benefits, including medical, prescription drugs, dental, vision, employee assistance and wellness, life insurance, disability insurance, vacation, paid holidays and a defined contribution retirement saving plan. Co-ops are eligible for most benefits other than disability, vacation and the retirement savings plan. Employees who work less than 30 hours per week are only eligible for the retirement savings and disability plans. For more information see Compensation and Benefits.</td>
</tr>
<tr>
<td><strong>LA15</strong></td>
<td>Return to work and retention rates after parental leave, by gender.</td>
<td>●</td>
<td>See Labor Data Tables.</td>
</tr>
</tbody>
</table>

Labor/management relations

**LA4**  
Percentage of employees covered by collective bargaining agreements.  

AMD estimates that up to 4% of employees are covered by national or industry collective bargaining agreements.

**LA5**  
Minimum notice period(s) regarding significant operational changes, including whether it is specified in collective agreements.  

While there is no global timeframe for notifying our employees of operational changes, we make every effort to provide employees with timely notice of significant operational changes and adhere to all local laws. See Stakeholder Engagement - Employees.

Occupational health and safety

**LA6**  
Percentage of total workforce represented in formal joint management-worker health and safety committees that help monitor and advise on occupational health and safety programs.  

See Employee Health, Safety and Wellness.

**LA7**  
Rates of injury, occupational diseases, lost days and absenteeism, and number of work-related fatalities by region and by gender.  

See Labor Data Tables.

**LA8**  
Education, training, counseling, prevention and risk-control programs in place to assist workforce members, their families or community members regarding serious diseases.  

See Employee Health, Safety and Wellness.
Health and safety topics covered in formal agreements with trade unions. We do not report on this issue because it is not applicable to AMD operations.

Training and education
Average hours of training per year per employee by gender and by employee category. The AMD law department provides training on AMD’s Worldwide Standards of Business Conduct, Workplace Harassment, Antitrust and other topics. Training takes an average of 37 minutes per employee for all employees per year. In 2013, 75% of people managers received an average of 11 hours of management training and 26% of senior managers received an average of 7 hours of leadership training. Members of AMD’s sales force receive an average of 32 hours/year of training in a combination of self-paced online courses and virtual-instructor-led courses. For additional information, see Employee Education & Training.

Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings. See Employee Education and Training.

Percentage of employees receiving regular performance and career development reviews, by gender. See Employees Pay for Performance.

Composition of governance bodies and breakdown of employees per employee category according to gender, age group, minority group membership and other indicators of diversity. See Labor Data Tables.

Ratio of basic salary and remuneration of women to men by employee category, by significant locations of operation. AMD compares salaries to the average market rate on a global basis. The average compa-ratios for the entire AMD population is 92%.

Performance Description Reported Cross-reference/Direct Answer

Investment and procurement practices

Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening. AMD is not aware of any such significant investments during or related to 2013. Our Worldwide Standards of Business Conduct strictly forbids child labor and forced/compulsory labor practices, and respects the rights of employees to associate freely. AMD is committed to complying with all applicable laws in all locations. See Human Rights.

Percentage of significant suppliers, contractors and other business partners that have undergone human rights screening, and actions taken. We have adopted the standards within the EICC Code of Conduct and the Institute for Supply Management (ISM) Principles of Social Responsibility. In 2013, we communicated our expectations to our top-tier suppliers that they conform to the Code, ISM principles or equivalent standards. In 2013, 100% of our major supplier facilities completed the EICC SAQ and no high-risk supplier facilities were identified. See Supplier Responsibility.
Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.

All employees worldwide receive access to and training on AMD’s Worldwide Standards of Business Conduct. Training typically takes about one hour per employee and must be completed during the employee’s first 90 days of service and/or every three years thereafter. AMD has approximately 10,000 employees worldwide for a total of 10,000 hours of training. All employees worldwide also receive an annual reminder email regarding the Standards, including a link to AMD’s Worldwide Standards of Business Conduct. See AMD’s Worldwide Standards of Business Conduct.

Non-discrimination

Total number of incidents of discrimination and corrective actions taken.

One EEOC Charge regarding an alleged discriminatory failure to hire was received in 2013. The EEOC stated that no action was required by AMD in response to the Charge.

Freedom of association and collective bargaining

Operations and significant suppliers identified in which the right to exercise freedom of association and collective bargaining may be violated or at significant risk, and actions taken to support these rights.

AMD is unaware of any such operation during or related to 2013. The Company’s Worldwide Standards of Business Conduct strictly forbid child labor and forced/compulsory labor practices, and respect the rights of employees to associate freely. AMD is committed to complying with all applicable laws in all locations.

Child labor

Operations and significant suppliers identified as having significant risk for incidents of child labor, and measures taken to contribute to the effective abolition of child labor.

AMD is unaware of any such operation during or related to 2013. The Company’s Worldwide Standards of Business Conduct strictly forbid child labor and forced/compulsory labor practices, and respects the rights of its employees to associate freely. AMD is committed to complying with all applicable laws in all locations.

Forced and compulsory labor

Operations and significant suppliers identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of all forms of forced or compulsory labor.

AMD is unaware of any such operation during or related to 2013. The Company’s Worldwide Standards of Business Conduct strictly forbid child labor and forced/compulsory labor practices, and respects the rights of its employees to associate freely. AMD is committed to complying with all applicable laws in all locations.

Security practices

Percentage of security personnel trained in the organization’s policies or procedures concerning aspects of human rights that are relevant to operations.

Security personnel are trained on and acknowledge AMD’s Worldwide Standards of Business Conduct, and are responsible for upholding AMD values in performing their work.
Indigenous rights

HR9 Total number of incidents of violations involving rights of indigenous people and actions taken.

AMD is not aware of any incidents during or related to 2013.

Assessment

HR10 Percentage and total number of operations that have been subject to human rights reviews and/or impact assessments.

AMD completed the EICC SAQ for both our manufacturing facilities located in Suzhou, China and Penang, Malaysia.

Remediation

HR11 Number of grievances related to human rights filed, addressed and resolved through formal grievance mechanisms.

See response to HR4 for a summary of formal grievances related to human rights that AMD handled in 2013. AMD’s policy regarding reporting of concerns is publicized in AMD’s Worldwide Standards of Business Conduct and discussed in the training that employees receive on these Standards. The reporting policy requires employees to raise concerns to either their management, AMD Internal Audit, the AMD Corporate Investigations Department, the AMD Human Resources Department and/or the AMD Law Department; or if employees prefer, they can report concerns by calling the global toll-free AMD AlertLine, which accepts anonymous calls, or use the email reporting option to the AlertLine. The Company has a strict non-retaliation policy with respect to good-faith reports of compliance and ethics concerns or violations. Certain AMD sites have local work rules that provide additional grievance processes as well.

Social: Society

Performance Indicator Description Reported Cross-reference/Direct answer

Local communities

SO1 Percentage of operations with implemented local community engagement, impact assessments and development programs.

All major AMD sites have organized community involvement. See AMD in the Community and AMD Changing the Game.

SO9 Operations with significant potential or actual negative impacts on local communities.

AMD has processes and procedures in place to review environmental and social potential impacts on local communities including our Global EHS Standards, AMD’s Worldwide Standards of Business Conduct and EICC Code of Conduct commitment. There were no significant potential or actual negative impacts assessed in 2013.

SO10 Prevention and mitigation measures implemented in operations with significant potential or actual negative impacts on local communities.

There were no operations identified with significant potential or actual negative impacts on local communities.
Corruption

SO2  Percentage and total number of business units analyzed for risks related to corruption.

AMD’s Internal Audit Department performs comprehensive risk analyses (including regarding corruption) of all AMD sites/departments. See Internal Audit.

SO3  Percentage of employees trained in organization’s anti-corruption policies and procedures.

All employees worldwide receive copies of and training on AMD’s Worldwide Standards of Business Conduct, which includes strict anti-corruption provisions. Training typically takes about one hour per employee and must be completed during the employee’s first 90 days of service, and on a three-year cadence thereafter. See AMD’s Worldwide Standards of Business Conduct.

SO4  Actions taken in response to incidents of corruption.

AMD promptly investigates any concern related to corruption, including via its Internal Audit function and takes appropriate action as needed.

Public policy

SO5  Public policy positions and participation in public policy development and lobbying.

See Public Policy.

SO6  Total value of financial and in-kind contributions to political parties, politicians and related institutions by country.

See Economic Data Tables.

Anti-competitive behavior

SO7  Total number of legal actions for anti-competitive behavior, anti-trust and monopoly practices, and their outcomes.

There were no legal actions for anti-competitive behaviors, anti-trust and monopoly practices brought against the Company in 2013. Any material legal proceedings involving AMD would be discussed in our SEC Form 10-K.

Compliance

SO8  Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with laws and regulations.

See EN28 for environmental non compliances in 2013.

Social: Product Responsibility

Performance Indicator  Description  Reported  Cross-reference/Direct Answer

Customer health and safety

PR1  Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.

AMD seeks to minimize the potential adverse impact to human health and the environmental at each stage of our product’s life, from design to disposal. See Product Stewardship.

PR2  Total number of incidents of noncompliance with regulations and voluntary codes concerning health and safety impacts of products and services during their life cycle, by type of outcomes.

AMD does not currently track this information as it is not considered to be material. AMD is primarily a semiconductor component designer.
### Product and service labeling

<table>
<thead>
<tr>
<th>PR3</th>
<th>Type of product and service information required by procedures and percentage of significant products and services subject to such information requirements.</th>
<th>AMD's procedures for product and service information and labeling require information on product content, safe use and disposal of products. For more information, see <a href="https://www.amd.com/corporate/governance/sustainability">Product Stewardship</a>. See also <a href="https://www.amd.com/procurement/ethics">Conflict Metals</a> for information on AMD's efforts in this area.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR4</td>
<td>Total number of incidents of noncompliance with regulations and voluntary codes concerning product and service information and labeling, by type of outcomes.</td>
<td>AMD is not aware of any such incidents during or related to 2013.</td>
</tr>
<tr>
<td>PR5</td>
<td>Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.</td>
<td>See <a href="https://www.amd.com/corporate/governance/stakeholder-engagement">Stakeholder Engagement</a>.</td>
</tr>
</tbody>
</table>

### Marketing communications

<table>
<thead>
<tr>
<th>PR6</th>
<th>Programs for adherence to laws, standards and voluntary codes related to marketing communications, including advertising, promotion and sponsorship.</th>
<th>AMD has dedicated a legal team to support the marketing department. The purpose of this team is to review outbound marketing materials for compliance with laws in those jurisdictions where AMD conducts the majority of its business. This legal team also provides training to the marketing department on relevant issues, including privacy, endorsements and proper substantiation of claims. In addition, AMD has company-wide policies related to appropriate business conduct that include sections related to marketing activities, such as social media communications, etc. AMD currently does not formally endorse any voluntary codes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR7</td>
<td>Total number of incidents of noncompliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion and sponsorship by type of outcomes.</td>
<td>AMD is not aware of any such incidents during or related to the 2013 calendar year.</td>
</tr>
</tbody>
</table>

### Customer privacy

| PR8 | Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data. | AMD is not aware of any such complaints during or related to the 2013 calendar year. |

### Compliance

| PR9 | Monetary value of significant fines for noncompliance with laws and regulations concerning the provision and use of products and services. | AMD is not aware of any such fines during or related to the 2013 calendar year. |