

2011

AMD  
Corporate  
Responsibility  
Summary



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# who we are

AMD is a semiconductor design innovator leading the next era of digital experiences. AMD technologies power game consoles, PCs, servers and supercomputers. That's *what* we are, but the more important question is *who* we are. AMD is more than 11,000 dedicated people, working to make the world a better place. We don't just talk about corporate responsibility; as you'll see in this issue, we live it.

## Our stats:



Corporate Headquarters in Sunnyvale, CA

- Established in 1969 and headquartered in Sunnyvale, California
- Employees: 11,705 (worldwide as of February 2012)
- 50 locations worldwide, including more than a dozen R&D facilities, nearly two dozen international sales offices, and assembly/test manufacturing facilities in Malaysia, China and Singapore
- Publicly traded under NYSE: AMD
- 2011 revenues of \$6.57 billion

## Our offerings:



The next generation Accelerated Processor from AMD codenamed "Trinity" designed for both desktop and notebook solutions (desktop processor shown)



AMD FirePro™ Multifunctional Server Solution for Compute, Professional Graphics and VDI

- Accelerated Processing Units (APUs) for consumer and commercial notebook, desktop and embedded markets
- x86 microprocessors for commercial and consumer markets
- Embedded microprocessors for commercial, commercial client and consumer markets
- Chipsets for desktop and notebook PCs, embedded systems, professional workstations and servers
- Graphics, video and multimedia products and technologies for desktop and notebook PCs, embedded systems, professional workstations, servers, and game consoles

## Some of our 2011–2012 awards and recognition:



- Top 10 Most Trustworthy Companies in America: Trust Across America
- Top 20 S&P 500 Clean Capitalism List: Corporate Knights
- Dow Jones Sustainability North American Index for 7<sup>th</sup> consecutive year
- Top 500 Green Companies in the U.S.: Newsweek Magazine
- Top 100 Climate Innovation Indexes Leaders: Maplecroft

## welcome

This summary provides a high-level view of AMD's corporate responsibility programs, performance and goals detailed in our 2011 annual Corporate Responsibility report. It highlights activities from 2011 along with ongoing initiatives. You can download the full report from our website at [www.amd.com/corporateresponsibility](http://www.amd.com/corporateresponsibility).



# from our CEO

When I became CEO and President of AMD this past year, I became part of a company and team with a strong legacy of corporate responsibility, brought to life by more than 11,000 dedicated AMDers across the planet. Our employees not only work hard every day to deliver leading computing and graphics solutions, they contribute their own time, money and passion to make the world a better place. This is ingrained as part of our culture, which we call "The AMD Way."

I am pleased to share our 2011 corporate responsibility summary. In it, you will find examples of AMD employees who go above and beyond to help others and to preserve our environment.

As AMD works throughout 2012 to refocus and reposition the company to capture the opportunities in front of us, we will be unwavering in our commitment to people and the planet. Internally, we will remain committed to our work on diversity and inclusion, ethical business practices, and cultivating a supportive, productive work environment. Externally, we will continue to be good neighbors in our communities, protect the environment and ensure that our suppliers meet the same expectations we hold ourselves accountable for, while engaging with our stakeholders openly and honestly.

Each year, society's expectations for corporate responsibility and transparency increase. While AMD has consistently met and exceeded these expectations, we are motivated by more than external influences. We know that corporate responsibility strengthens our business, enriches our culture and helps AMD win.

I hope that you find our corporate responsibility summary informative and valuable. As always, we welcome your input and questions.

Rory Read

AMD President and CEO

## contents



# AMD changing the game



By 2020, we plan to reach more than one million students around the world with opportunities to create video games in our groundbreaking education program.

## Turning today's teens into tomorrow's leaders

Today's students aren't lacking the desire to learn, they're just not going for the usual educational approaches. That's where AMD Changing the Game comes in: our signature education initiative designed to inspire kids to learn by teaching them to create video games. Here are some telling statistics. Two-thirds of American high school students report being bored in class every day.<sup>1</sup> Yet those same students who are tuning out in school are tuning in to video games, with an estimated 97% of U.S. teens playing online games.<sup>2</sup>

AMD Changing the Game uses this passion as leverage for learning. But instead of playing video games, our program teaches kids how to create them. Through game creation, students learn science, technology, engineering and math (STEM) skills, as well as problem solving, critical thinking, language skills and teamwork. By using age- and skill-appropriate tools, the program works with key education

partners to guide students through the creative process, and teaches the mechanics of game design and production. And these are not the violent games that can worry parents; the curriculum focuses on developing games around important social issues – such as energy conservation, healthcare, and reducing poverty. 🎮

- More than 74,000 students reached worldwide
- More than 7,000 games created
- 26 unique partners
- \$3.9 million in AMD Foundation donations



**“Our goal is to inspire students to embrace learning, get excited about school, and possibly even discover a new passion for a future career in technology.”**

– Ward Tisdale, AMD Director, Global Community Affairs

<sup>1</sup> Yazzie-Mintz, E. (2010). Charting the path from engagement to achievement: A report on the 2009 High School Survey of Student Engagement. Bloomington, IN: Center for Evaluation & Education Policy.

<sup>2</sup> Amanda Lenhart, Joseph Kahne, Ellen Middaugh, Alexandra Macgill, Chris Evans, Jessica Vitak. New Pew Internet/MacArthur Report on Teens, Video games and Civics. Pew Internet & American Life Project, September 16, 2008.



SCAN THE CODE TO LEARN MORE ON OUR WEBSITE, OR VISIT:  
<http://www.amd.com/changingthegame>





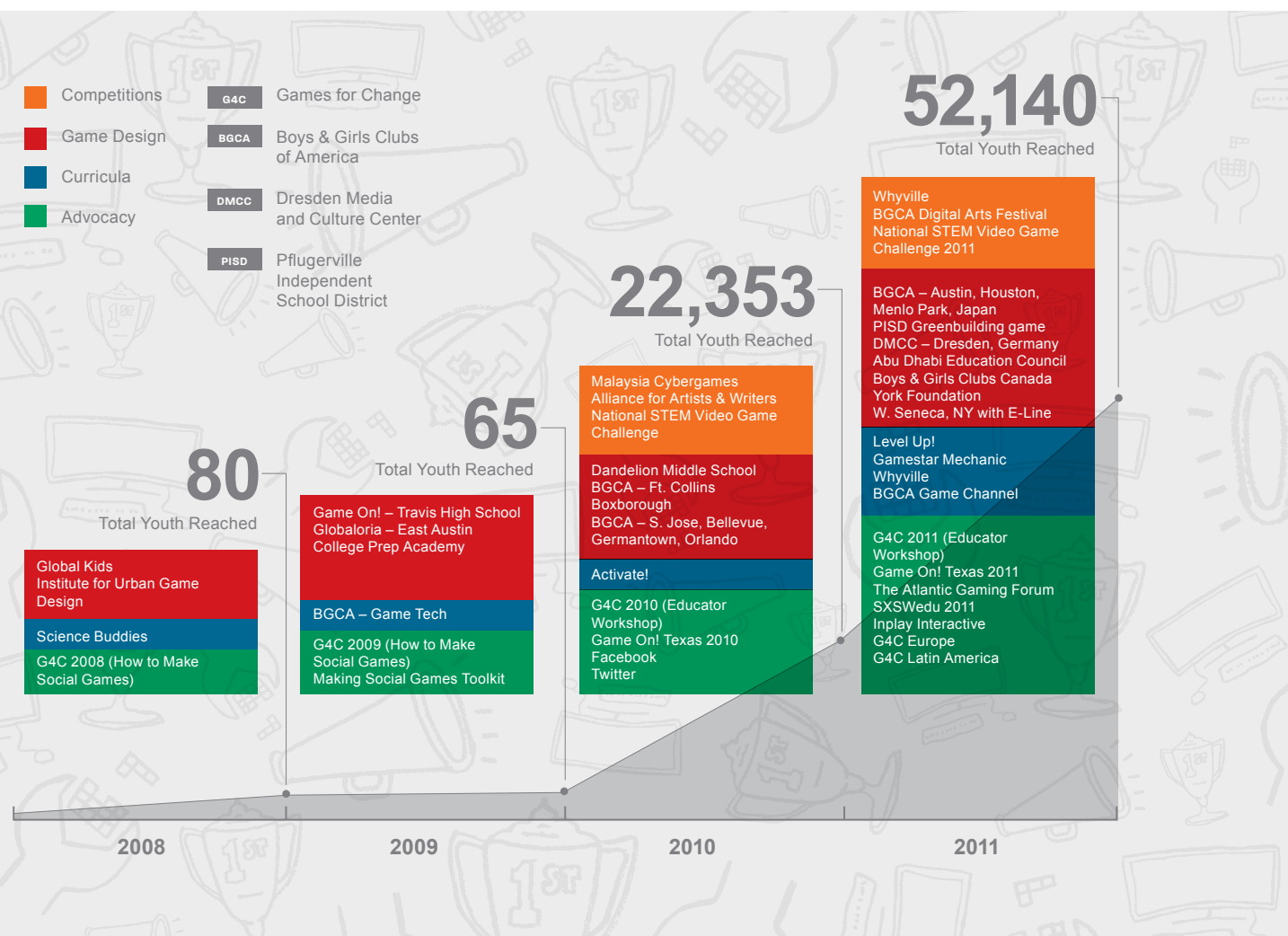
# our report card

Every year we graduate to a higher level of involvement, and our student body is increasing exponentially in size and inspiration.



# making a world of difference

Providing educational technology is a critical part of AMD Changing the Game. Since 2008, AMD has funded more than 20 technology centers worldwide. The AMD Foundation has also awarded \$3.9 million in grants to fund 40 related programs operated by 26 organizations around the world. Here are some of our global highlights.





## Employee Engagement

# the AMD way



## AMD Foundation:

improving lives,  
protecting the  
planet, helping  
those in need

### Doing good for good's sake is noble unto itself. At AMD, it also drives our business.

Research shows that companies with engaged employees have almost four times higher earnings-per-share growth rates over companies with lower engagement in the same industry.<sup>1</sup> Studies have also shown that there is a strong correlation between engagement and socially and environmentally responsible organizations.<sup>2</sup> This is why responsibility is an essential part of our culture – The AMD Way. The AMD Way is focused on three core beliefs: Ownership and Commitment; Customer Focus; and Innovation Leadership. Doing good is natural for AMD employees, but we also must succeed in business. The good news is, the two are correlated.

At AMD we live our core beliefs through our actions. Our employees are more motivated to work hard and innovate when they see their job as their cause. And there are ample opportunities for our people to work for their causes while working for AMD:

#### Go Green

Our award-winning conservation program, Go Green, encourages AMD employees to reduce environmental impacts in several aspects of life: at home, commuting and at work. Since 2007, our employees have avoided more

than 5 million km of driving, preventing 1,286 metric tons of CO<sub>2</sub> from being released into the air – an amount that would take approximately 33,000 trees and 10 years to sequester.

**“It has had a very positive impact on me. I spend more time thinking about my actions and making sustainable choices whenever I can. I carpool, compost, garden, recycle, and many other things in large part because of the Go Green Program.” – Pam Horn, AMD Paralegal Specialist**

#### Volunteering

We encourage our employees to volunteer in a variety of ways. In 2011, more than 1,500 AMD employees volunteered more than 12,600 hours in their communities. Through our AMD Community Corps program, we help employees develop professionally through volunteerism.

#### Contribution Matching

We don't just encourage volunteerism – we back our employees with cash. AMD contributes \$15 for each hour that our U.S. and Canada employees and their spouses spend volunteering for eligible organizations. We also match up to \$3,000 in yearly contributions made to eligible organizations by each employee. Since 1995, our employees have given more than \$7.2 million, and AMD matching has increased the total to \$14.7 million in support of hundreds of non-profit organizations and schools. 🏠

**“People have always come first at AMD, so when our employees, customers or communities are affected by disasters, the AMD family steps up to help. The Japan disaster was a call for us to help our Japanese colleagues and their community. And we all came together to answer the call. Thank you!”**

**– Allyson Peerman, AMD Foundation President**



AMD provided more than \$116K to help victims of the 2011 Central TX wildfires.

# \$14.7<sub>M</sub>

AMD employee contributions and matching funds since 1995

The AMD Foundation invests in several important causes, such as the educational program AMD Changing the Game and our employee matching funds. We also support efforts to preserve nature at its best – and help victims when nature is at its worst.

#### Japan Earthquake and Tsunami

Employee donations and matching funds raised more than \$270,000 to support the victims of this tragedy. AMD also shipped more than 1,600 lbs. of food, medical supplies and critical items like flashlights, hard hats, masks and emergency radios to victims.

#### Central Texas Wildfires

When wildfires broke out near our largest site in Austin, Texas, we sprang into action to account for every employee in the area and help our community. More than 200 AMD employees were

adversely affected by the fires, and three tragically lost their homes. These fires destroyed the most homes for a single fire event in Texas history. AMD provided more than \$116,000 in employee contributions, matching funds and a special donation of \$50,000 to the American Red Cross of Central Texas. Plus our employees turned out in force to help the relief effort, distributing bulk items and cleanup supplies, and taking phone donations at a local TV station.

Since 2004, AMD and its employees have contributed more than \$2.8 million to provide disaster relief around the world, including the responses to the South Asian tsunami, Hurricane Katrina, and earthquakes in China, Haiti and Japan. Of that amount, \$817,000 came directly from AMD employees. 🏠

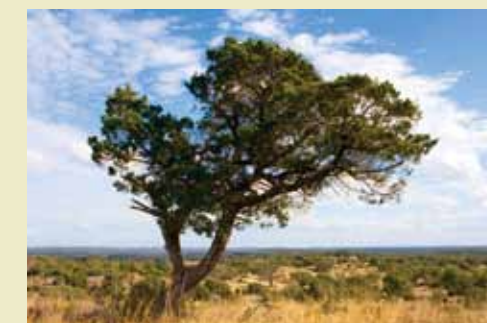


PHOTO: DANIEL LEHMAN

### Protecting Open Spaces

AMD provided a series of grants totaling \$3 million to preserve open space near our LEED® Gold certified Lone Star campus in Central Texas. AMD partnered with Hill Country Conservancy, a non-profit land trust that works with landowners and government agencies to preserve open space through conservation easements that limit development rights.

**“AMD's generous support of Hill Country Conservancy's 'Vast Open Spaces' mission has made it possible to preserve these sensitive lands and conservation values in perpetuity. The citizens of Central Texas are ultimately the beneficiaries of this extraordinary contribution.”**

**– George Cofer, HCC Executive Director**

<sup>1</sup> Gallup Management Journal – “The Next Generation of Leadership.”  
<sup>2</sup> 2010 Hewitt and Associates – “2010 Best Employers in Canada Study.”



# enabling a better world

AMD technology powers computers and servers that enable a better world – from helping scientists advance healthcare and climate change research to optimizing clean energy and “greening” cloud computing data centers.



## Advancing Healthcare in Nigeria

eHealth Nigeria is an NGO dedicated to improving its country's healthcare. Due to a lack of consistent reliable energy to enable network and server access, the Nigerian healthcare system was critically limited. eHealth addressed the problem by designing a small, yet fully functional data center with a dedicated power source. They determined that servers with multi-core AMD Opteron™ processors would deliver the optimum combination of energy efficiency and processing power for this rugged environment.

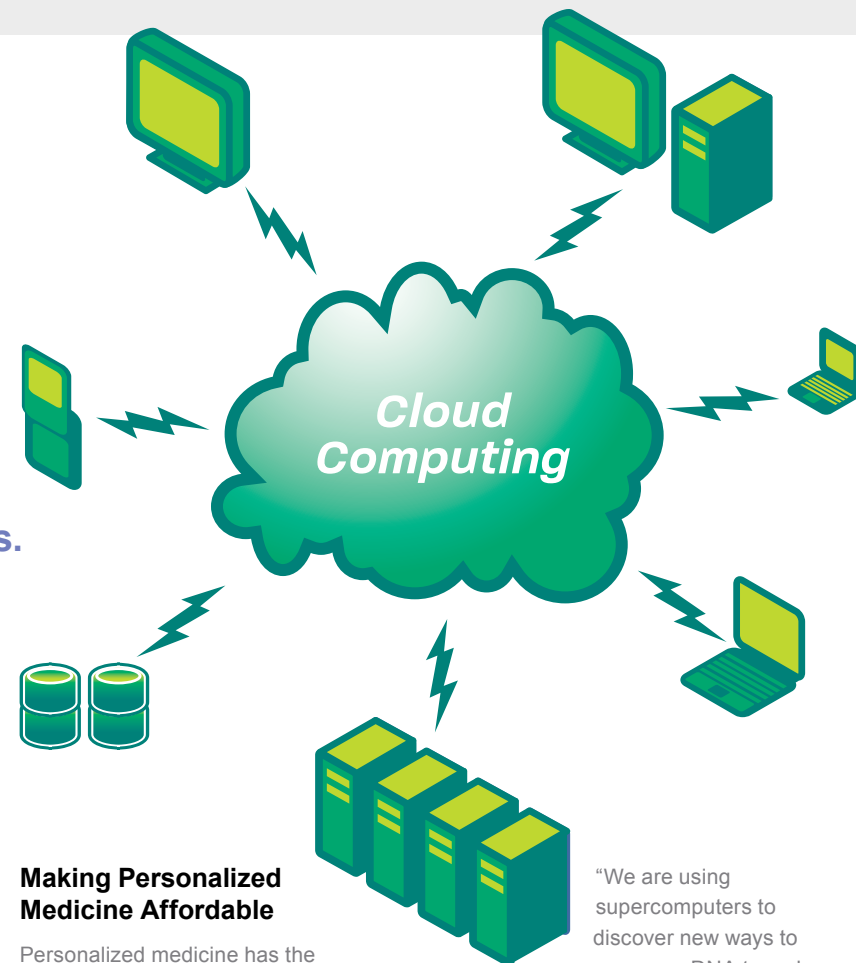
## Making Personalized Medicine Affordable

Personalized medicine has the potential to revolutionize healthcare by tailoring treatment and prevention based on the patient's genes – a process requiring complex DNA sequencing. Using the Ranger supercomputer driven by AMD Opteron™ processors, Dr. Aleksei Aksimentiev at the University of Illinois is developing a process that increases the speed and efficiency of DNA sequencing, which could reduce costs from \$50,000 to less than \$1,000 per individual.

## Increasing Wind Energy Efficiency

In a 100-megawatt wind farm, a small drop in output can result in the loss of hundreds of thousands of dollars in revenue. A supercomputer built by

“We are using supercomputers to discover new ways to sequence DNA to make this procedure faster and less expensive so it can be used as a routine medical procedure. It's really the ultimate diagnostic tool to determine all kinds of genetic disorders.” – Dr. Aksimentiev



“We know cloud computing is the future. The Evergreen Cloud effort is designed to accelerate the cost and operational efficiencies associated with cloud computing and make computing greener and environmentally sustainable.”

– Dr. Dave Mayhew, Chief Technologist, AMD External Research Office

Nor-Tech featuring AMD Opteron™ processors is helping engineers optimize turbine efficiency and output. The system computes highly complex fluid dynamics to fine-tune turbine placement and positioning, which reduces wake turbulence and allows maximum power output.

## Understanding and Preparing for Climate Change

The Kraken computer at Oak Ridge National Laboratory was the first academic “petascale” supercomputer (a system that can perform more than one-thousand-trillion operations per second). Using AMD Opteron™ processors, Kraken allows scientists to develop complex weather simulation models to predict and understand the effects of climate change. Using these models, researchers can forecast climate-related impacts on coastal flooding, food-crop production, biodiversity and many other factors, which will help in developing effective ways to both combat and adapt to climate change.

## Making Computing More Energy Efficient

AMD is dedicated to innovating low power and energy efficient computing. As one example, we are a founder and board member of the Green Grid®, a global organization dedicated to

energy efficiency and sustainability for computing and all aspects of data center operations. Green Grid brings private industry, government and other organizations together, and is widely recognized as a global authority on resource-efficient business computing.

AMD also works with organizations on standards for environmentally sustainable technology. One of these is EPEAT® (Electronic Product Environmental Assessment Tool), a ratings organization developed through a collaboration of business, government, non-profit organizations and academic institutions, which helps purchasers evaluate electronic products based on sustainability guidelines. AMD also actively contributes to government energy efficiency standards, such as the U.S. Environmental Protection Agency (EPA) Energy Star® program and related programs around the world.

## Greening Data Centers and the Cloud

Reducing data center energy use is a priority for AMD and others in our industry. We have partnered with Clarkson University, the New York State Energy Research and Development Authority (NYSERDA), HP and other organizations to address the challenge of powering data centers with clean, renewable energy. The

project, known as the Evergreen Cloud, seeks to build a distributed computing network that runs on renewables. The goal is to co-locate containerized data centers such as HP's Performance Optimized Datacenter (POD) with dynamic energy sources like wind and solar, which do not rely on traditional large-scale grid-tied systems. Instead of transmitting energy to a centralized data center, the arrangement moves data using fiber optic lines to locations where alternative energy is being generated. Using fiber optics is an economical substitute for costly electrical transmission lines, not to mention that it eliminates carbon emissions from traditional energy generation. ☑







## Supplier Responsibility

# every link in the chain must hold true

### Standards

AMD is a long-standing member of the Electronics Industry Citizenship Coalition (EICC). We operate according to the EICC Code of Conduct and also follow the Principles of Social Responsibility issued by the Institute for Supply Management (ISM). We expect our suppliers to live up to these same standards, and every year we communicate these expectations to them.

### Conformance

AMD regularly conducts supplier business reviews (SBRs) with all of our key suppliers to assess corporate responsibility expectations and performance. Using the SBR forum ensures that supplier responsibility is a central feature of our business relationships. We verify supplier performance through independent third-party audits conducted by EICC approved auditors. In 2011, 54% of AMD's major supplier facilities completed EICC self-assessment questionnaires (SAQs) and 26% completed EICC audits.

### Wafer foundries

Wafer foundries are a significant part of our supply chain. We conduct quarterly reviews with both Taiwan Semiconductor Manufacturing Corporation (TSMC) and GLOBALFOUNDRIES to verify their performance across a broad range of issues, including the environment, worker safety, labor standards, greenhouse gas emissions, energy use, water consumption and work hours.

### Capacity Building

Through the EICC, AMD suppliers have access to a broad array of training on the best practices to improve their social and environmental programs and performance.

### Sourcing conflict-free minerals

One of the worst human crises in world history is taking place in the Democratic Republic of Congo (DRC). Profits from mining and trading of tin, tantalum, tungsten and gold in this area have fueled deadly conflicts and human rights abuses. In 2010, a new law was enacted in the United States requiring companies traded on U.S. stock exchanges to disclose the measures they have taken to identify these "conflict minerals" in their products.

As co-chair of a multi-stakeholder coalition with the Enough Project, AMD works with other companies in the electronics supply chain, as well as NGOs and socially responsible investor groups to develop consensus policies to implement the law. We believe effective implementation must involve three fundamental elements:

- A system that enables conflict-free certification of minerals from the DRC region.
- A smelter audit program capable of verifying that raw materials are conflict-free.
- A standardized due-diligence process to verify that metals in finished products can be traced to a certified conflict-free smelter.

AMD has developed processes in its own supply chain to identify conflict minerals. While mapping our supply back to the smelter is complex, we have had some early success and are committed to the process. We will continue to work with both our customers and suppliers to develop a workable and efficient tracking system.

We know that tracking minerals is only one facet to ending suffering in the DRC. To affect change, deeply rooted socioeconomic factors must be addressed by governments, the private sector and civil society. Additionally, if implementation of the new law is not carefully managed, it may have the unintended consequence of banning or significantly reducing mineral exports from the DRC region, which could lead to even more suffering. ❏

**"AMD has been a leader in the public discussion on conflict minerals, co-chairing a multi-stakeholder coalition that submitted comments to the Securities and Exchange Commission (SEC) as well as being one of a select few companies that testified at the SEC roundtable on what industry can do about conflict minerals. On the public discussion around conflict minerals, AMD has stepped up rather than hiding behind excuses about why supply chain action is impossible."**

— *Sasha Lezhnev, Policy Consultant, Enough Project*

**"We strive 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."**

— *John Docherty, Senior Vice President, Global Operations*



PHOTO: SASHA LEZHNEV / ENOUGH PROJECT

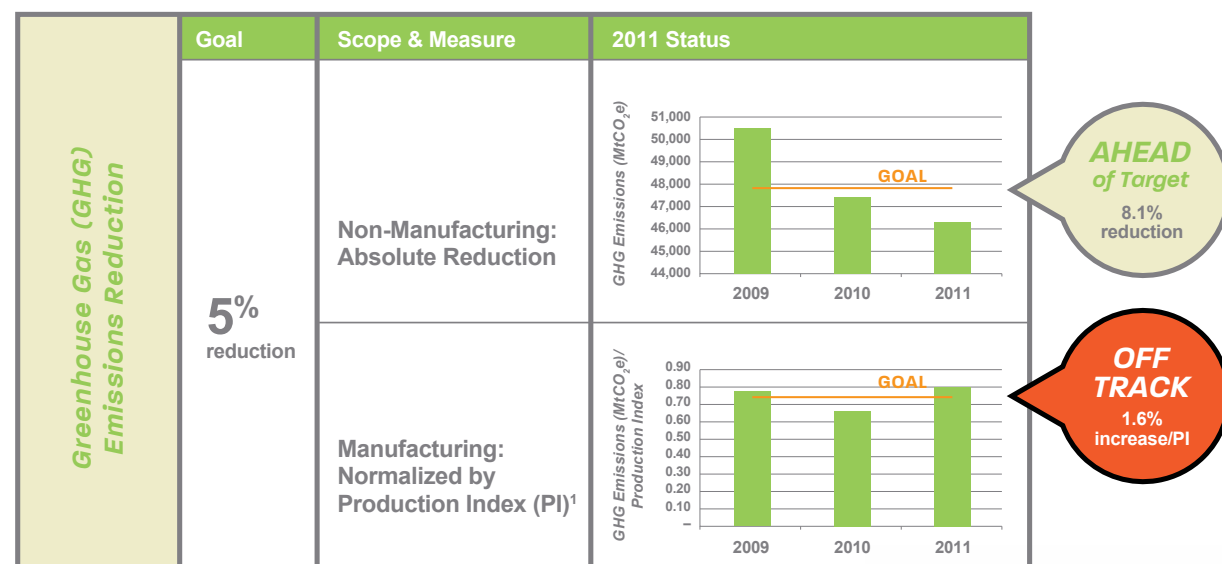




## Environment

# a world we all must share

AMD is committed to protecting our planet on all fronts, from reducing emissions to conserving precious natural resources. We measure our environmental performance in a number of categories and hold ourselves to high standards. Here are some of our 2011 results.

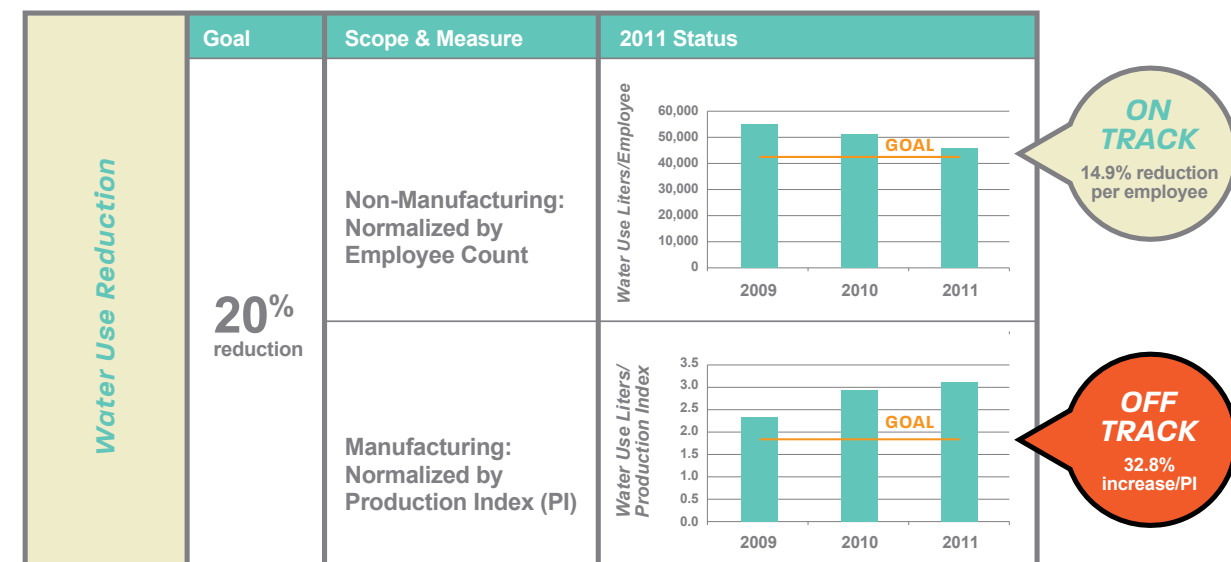


Baseline Year = 2009 / Goal Year = 2014

In 2011, we achieved an 8.1% absolute GHG reduction at our non-manufacturing sites since 2009, due to a 9.6% decrease in energy use and purchasing a cleaner mix of electricity generating sources in some regions. This is ahead of our 5% reduction target.

While we are off track with our target for our manufacturing sites, absolute GHG emissions have actually decreased by 3.6% since 2009 primarily due to a 50% reduction in electricity use at our Singapore facility. Normalized GHG emissions increased by 1.6%, largely due to decreased production at these facilities.

<sup>1</sup> PI is derived by multiplying the number of units by the average cycle time (duration of test and assembly) of a product.

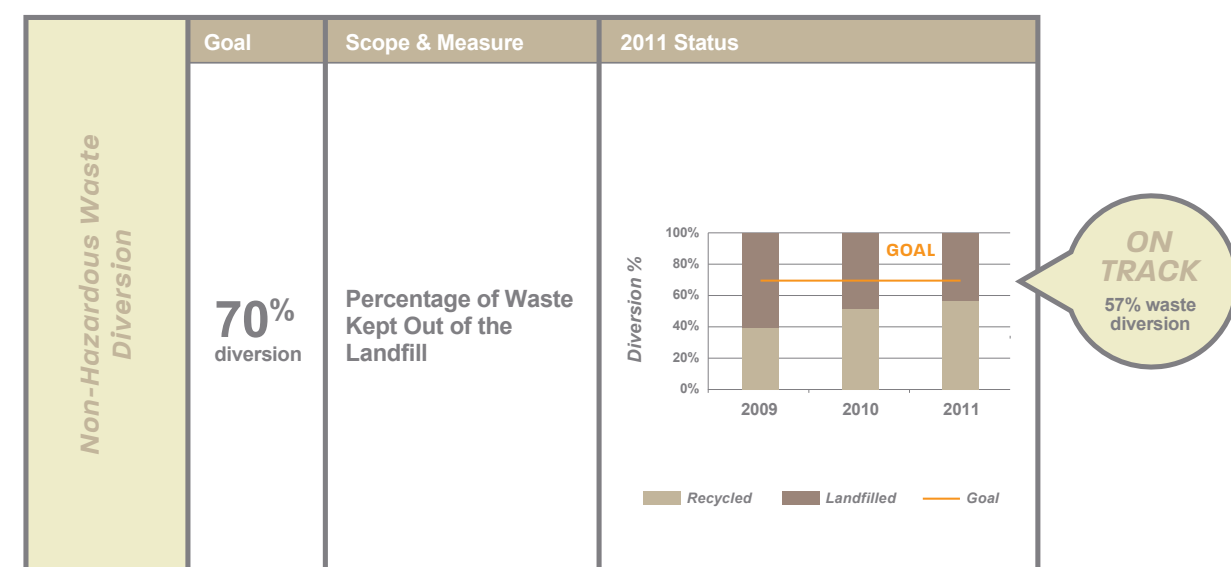


Baseline Year = 2009 / Goal Year = 2014

In 2011, water use per employee decreased at our non-manufacturing sites, largely due to consolidating operations into our more water-efficient Lone Star facility. Normalized water use at our manufacturing sites has increased, largely due to a process change in Malaysia and construction and startup of a new assembly building in China. We are working to reduce water usage at these facilities.

“Despite a historic drought in 2011, our Lone Star campus did not use any municipal water to irrigate landscaping during the year. The native vegetation was minimally watered using 1.2 million liters of condensate from our cooling systems and captured rainwater. An additional 3 million liters of captured water was used in the site’s chillers.”

– Craig Garcia, AMD Director, Global Corporate Services



Baseline Year = 2009 / Goal Year = 2014

In 2011, several factors contributed to AMD achieving 57% waste diversion and making continued progress toward our 70% goal. At our manufacturing facilities, waste diversion has increased from 32% in 2009 to 49% in 2011, due in part to our Singapore facility reaching 100%

diversion as a result of a government “waste-to-energy” incineration initiative. Recycle rates at our non-manufacturing sites have increased from 46% in 2009 to 61% in 2011, partially due to expanded organic waste composting.





## Employee Health & Safety

# being smart about wellness is contagious

A company is only as healthy as its people. AMD takes a holistic approach, with health and safety standards that apply to all of our operations worldwide, including:

- Injury and illness prevention
- Employee well-being
- Emergency preparedness and response
- Electrical and chemical safety
- Equipment safety
- Ergonomics

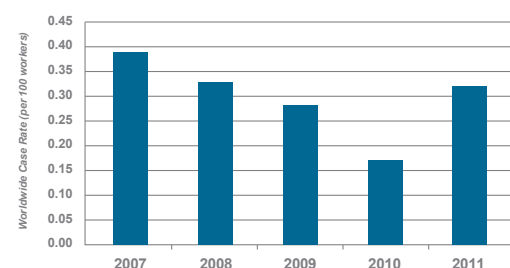


### Injury and Illness Reduction

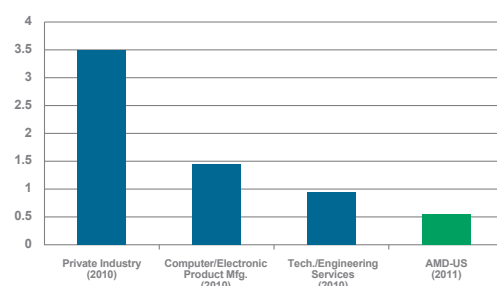
Our goal is to continuously reduce occupational injury and illness case rates. From 2010 to 2011, our worldwide case rate increased from 0.17 to 0.32 cases per 100 workers, but remained well below 2010 industry averages.

The primary cause is attributed to ergonomic-related injuries. We are disappointed with the increase, and have launched a campaign to increase employee awareness of how to prevent ergonomic injuries.

**AMD Worldwide Injury and Illness Case Rate**



**Industry Averages (cases per 100 workers)**



### Wellness Program

**AMD's Wellness Program strives to help our employees stay healthy. Our efforts include:**

- Free annual flu immunizations in North America and discounted immunizations in Asia.
- Wellness expos that provide services such as biometric testing, information on health-related products and services, and discussions on health and safety topics.
- Support of World No Tobacco Day, which educated employees on tobacco-related risks and offered a tobacco-free campus day. We also offer tobacco cessation programs.



- AMD cafeterias that offer a wide variety of healthy options and promote healthy eating at home through discounted home delivery of fresh fruit and vegetables at some locations. We also provide nutrition awareness through wellness information delivered on our intranet.
- Free fitness centers at many locations with personal training options. We also sponsor weight reduction programs like "Get Your Move On" and "Biggest Winner" as well as run/walk events.





## Stakeholder Engagement

**do well, then  
strive to do  
even better**



We serve a wide range of stakeholders, including employees, customers, stockholders, social investment analysts, our communities, suppliers, NGOs and more. These groups monitor our corporate responsibility efforts, and we engage with them in various ways to evaluate how we are doing, and how we can improve.

### Stakeholder Engagement Panel

In 2011, we established a stakeholder panel with the help of Ceres, an award-winning non-profit organization focused on business and sustainability. We will continue to work with the panel over the long term to gain a deep understanding of our stakeholders' expectations, which helps us build a world-class corporate responsibility program.

The panel has already met twice and provided us with valuable insights and perspectives on how to improve our corporate responsibility strategies, communications and performance.

### Employee Satisfaction

In 2011, we surveyed our employees worldwide to understand their overall satisfaction and their impressions of our corporate responsibility programs. We found that AMD employees are highly satisfied with our programs, with an 86% favorable rating. This is 13% higher than the global norm for employee satisfaction and 4% higher than the norm for high-performing companies.

**“AMD has clearly been a leader on both sustainable business strategy and reporting out on their 17 years of progress. I would like them now to take the lead on effective CSR communications: simplifying their messaging and making their sustainability successes and communications more accessible to the masses.”**

**– Kellie A. McElhaney,  
Center for Responsible  
Business, Haas School  
of Business, University of  
California, Berkeley**

# 86%



**Employee  
Favorable  
Rating**



## Global Inclusion

AMD fully recognizes the importance of leveraging its diverse workforce to fuel ultimate creativity and innovation. AMD's Global Inclusion team works to create awareness of the business case surrounding diversity and inclusion, drive an inclusive culture with emphasis on specific employee groups, and integrate and align with other AMD functions to create holistic programs. The value of this initiative will be evident by the innovation stemming from diversity of thought and perspectives, coupled with an inclusive culture.

As an initial step, we conducted a cultural assessment to uncover the greatest opportunities for making AMD an employer of choice. The findings are being used to fuel global inclusion in two important ways:

1. The creation of The AMD Way – a cultural foundation that outlines the expectations we have of ourselves and of every AMD employee.
2. The creation of the Global Inclusion strategy, with focus on three initial priority areas: Global Empowerment, Gender Inclusion and Generations.

**“At AMD we are fortunate to have a workforce comprised of creative minds and diverse perspectives drawn from all over the world. We are committed to fostering an inclusive environment, because it drives a culture of collaboration, information sharing, and the rapid adoption of new ideas.”**

**“And this inclusive culture will foster innovation and business success.”**

**– Dr. Lisa Su, Senior Vice  
President & General Manager,  
Global Business Units**





AMD locations

# responsibility on a global scale

- The Americas
- Greater China
- Asia – Pacific
- Europe, Middle East & Africa



**Markham**  
Established: 2006  
Operations: AMD Canadian Headquarters and our largest graphics R&D center outside the United States.



**Sunnyvale**  
Established: 1969  
Operations: Corporate Headquarters



**Austin**  
Established: 1978.  
Lone Star campus built in 2009.  
Operations: Corporate offices, R&D, Design



**Brazil & Latin America**  
AMD is experiencing rapid market growth in Brazil and Latin America, where we focus mainly on sales, marketing and engineering. With a presence in São Paulo and Brasília, our Brazil sales grew 25% in 2011 over 2010. In Latin America, AMD has offices in Mexico City and Buenos Aires and maintains a permanent presence in several other countries.

- R&D, Design
- Corporate
- Sales
- Business Services
- Manufacturing



**European Union**  
AMD and others are working with the European Commission Information Society and Media Directorate General on The Cool Silicon Project, which aims to build consensus on a common framework for measuring energy consumption and carbon emissions arising from the production, transport and selling of technology goods and services. Establishing this framework is an important priority of the Digital Agenda for Europe.



**Shanghai**  
Established: 2006  
Operations: R&D, Design facility promoting innovation through increased technology partnerships and customer collaboration.



**Suzhou**  
Established: 2005  
Operations: Test, mark and pack facility for microprocessors in the Suzhou Industrial Park. Our new Suzhou assembly manufacturing facility begins operations in 2012.



**Beijing**  
Established: 2004  
Operations: Greater China Headquarters



**Taipei**  
Established: 1987  
Operations: Business Services



**India**  
AMD Bangalore Established: 2004  
Operations: Research and development and design focusing on graphics and computing solutions.

AMD Hyderabad Established: 2008  
Operations: Research and development and design focusing on graphics and computing solutions.



**Singapore**  
Established: 1984  
Operations: Test, mark and pack for AMD microprocessors.



**Malaysia**  
AMD Penang Established: 1972  
Operations: Assembly and manufacturing process development for AMD microprocessors.

AMD Cyberjaya Established: 2008  
Operations: Business Services



12  
data tables

# the data behind our corporate responsibility story

Employees	Key Performance Indicator	2009	2010	2011
	Total Number of Employees	10,352	11,068	11,093
	Percentage of Female Employees	31%	31%	29%
	Employee Age Groups			
	Generation Y (born 1980 – 2000)	26%	28%	33%
	Generation X (born 1965 – 1979)	51%	50%	48%
	Baby Boomers (born 1946 – 1964)	22%	21%	18%
	Traditionalists (born 1927 – 1945)	<1%	<1%	<1%
	Employee Turnover	11%	9%	12%
	Worldwide Injury and Illness Case Rate (per 100 workers)	0.28	0.17	0.32
Economic	Employee Volunteer Hours	10,677	12,000	12,693
	Total Revenue (In millions USD)	\$5,403	\$6,494	\$6,568
	Net Income (In millions USD)	\$293	\$471	\$491
	AMD Foundation Giving (USD)	\$660,895	\$1,675,809	\$2,649,564
	Other Cash and In-Kind Giving (USD)	\$1,564,393	\$1,525,152	\$1,561,711
Environment	Energy Use (Gigawatt hours – GWh)	421	368	380
	CO <sub>2</sub> Equivalent Emissions (Metric Tons CO <sub>2</sub> e, Scope 1 & 2)	201,212	167,012	191,637
	Water Use (Million liters)	776	877	890
	Waste Water Discharge (Million liters)	284	320	364
	Non-Hazardous Waste Generated (Metric tons)	1,953	2,070	2,126
	Landfill Diversion Rate	40%	51%	57%
	Hazardous Waste Generated (Metric tons)	48	49	96
	Hazardous Waste Recycled/Reused Rate	92%	94%	98%
	Environmental Health or Safety			
	Violations & Fines (USD)	0 (\$0)	2 (\$0)	1 (\$360)

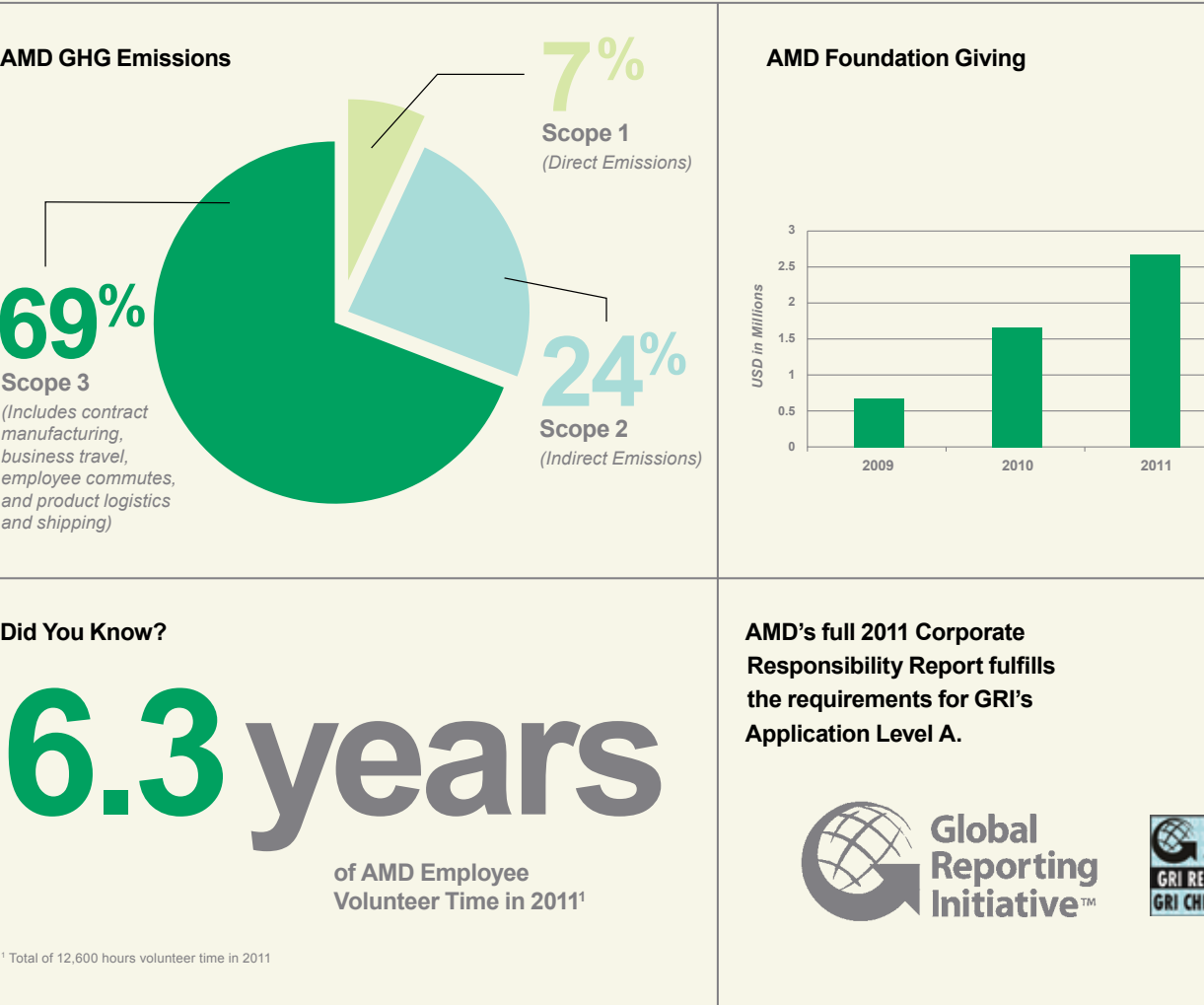


12  
data tables



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Supplier Responsibility	Key Performance Indicator	2011
	Major Supplier Facilities which have completed EICC Self-Assessment Questionnaires (SAQs)	54%
	Major Supplier Facilities which have completed EICC Validated Audit Program (VAP) Audits <i>EICC = Electronic Industry Citizenship Coalition</i>	26%







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