



- We communicate corporate responsibility information in three formats:
- This summary magazine
- 2 A detailed report conforming to the Global Reporting Initiative (GRI) quidelines
- 3 Our corporate responsibility website www.amd.com/corporateresponsibility

#### who we are

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. And our workforce is a force within itself. Over 10,000 people all across the world, who consider being responsible citizens an important part of the AMD culture. We pioneer technology that frees people to push the limits of what is possible, enabling today and inspiring tomorrow.

# 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.



### examples of our products:



AMD is bringing the revolutionary heterogeneous system architecture (HSA) design to market this year with our latest and most advanced APUs. These products uniquely combine CPU and GPU for equal memory access and process scheduling to substantially improve both performance and energy efficiency.



SeaMicro Technology offers one of the highest density and most energy efficient servers on the market. Each server cluster (10 rack-unit with 64 servers) uses a fraction of the power and space as traditional servers, at up to 12X the throughput.





AMD continues to extend its leadership in graphics architecture and products with award winning AMD Radeon™ and AMD FirePro™ lines featuring the visionary Craphics Core Next (GCN) architecture. Incorporating a radically new approach to the design of a GPU, GCN enables an unmatched level of hardware optimization, revolutionary performance and image quality. These are in widespread use with professional workstations such as the Apple Mac Pro, gaming PCs and consoles, servers and embedded designs.

AMD recently announced the "Seattle" processor for servers, based on ARM 64-bit architecture. This will be the first of numerous 64-bit ARM instruction set processors from AMD for server and embedded markets.

#### our stats:

- Established in 1969 and headquartered in Sunnyvale, California
- Employees: more than 10,000 worldwide
- More than 40 locations worldwide, including more than a dozen R&D facilities, two dozen international sales offices and two assembly/test manufacturing facilities
- Publicly traded under NYSE: AMD
- Fortune 500 firm
- 2013 revenues of \$5.3 billion

#### our offerings:

- Accelerated Processing Units (APUs) for tablet, notebook, desktop, professional workstation, game console, server and embedded markets
- x86 microprocessors for consumer, embedded and commercial markets, including data centers
- Embedded microprocessors for industrial, commercial and consumer markets
- Graphics, video and multimedia products and technologies for desktop and notebook PCs, embedded systems, professional workstations, servers, and game consoles

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.

Roey P. D

Rory Read

AMD President and CEO

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# RESPONSIBILITY global scale



Europe & Middle East

Operations: R&D, Design, Business Services, Distribution Center and Sales. Offices in over 10 countries, with the bulk of AMD processors manufactured by a foundry in Dresden, Germany



Established: 2005

-Tokyo, Japan - Sales

Established: 2006 Operations: Shanghai Research and Development Center (SRDC). AMD's largest system design hub outside of the United States



Markham Established: 2006 Operations: AMD Canadian

Headquarters and graphics

AMD Regions:

Bellevue, WA - R&D,

Sunnyvale, CA – Corporate, Business Services,

Austin, TX - Corporate, R&D, De

Houston, TX - Sales



Sunnyvale Established: 1969 Operations: AMD Corporate Headquarters, R&D, Design



Brazil & Latin America

Established: 1978

Operations: Business Services and Sales. Offices in São Paulo, Brasilia, Mexico City and Buenos Aires.





Established: 2004

Operations: Greater China Headquarters, R&D, Design



Operations: Assembly, test, mark and pack

facility for microprocessors in the Suzhou

Established: 1987 Operations: Business Services

Suzhou, China - Manufacturing

-Taipei, Taiwan - R&D, Design Hsinchu, Taiwan - R&D, Design,

, India - R&D, Design

Penang, Malaysia - Manufacturing-

Singapore - R&D, Design



Kiev, Ukraine - Sales

AMD Bangalore Established: 2004 AMD Hyderabad Established: 2008 Operations: R&D, Design focusing on

AMD Penang Established: 1972 Operations: Microprocessor assembly, test and R&D. The first AMD facility outside North America to set up advanced C4 "flip chip" assembly

AMD Cyberjaya Established: 2008 Operations: Business Services

Manufacturing, Distribution

 Business Services Corporate Offices

# AMD's thousands of engineers and professionals around the world are passionate about the technology we create. From enabling cloud computing and a new generation of interconnected devices, to helping scientists advance research in healthcare, to providing new ways

#### **ENERGY**

#### Walking the Walk - AMD's private cloud systems increased productivity and

In 2013, AMD completed one of the world's largest private clouds for R&D. By deploying the latest in cloud, open-source software and hardware updates, we were able to reduce the number of data centers the company utilized by 75%. The project reduced electricity use by over 10 gigawatt hours resulting in an estimated annual savings of \$730K. In addition to the electricity savings, the consolidated

systems increased productivity and efficiencies for AMD engineers creating the next generation products.

## AMD and Verizon Co-Develop A Revolutionary Public Cloud Platform

Understanding that better enterprise adoption of public cloud services demands improved performance, reliability and security, Verizon collaborated with AMD to develop a public cloud service with unmatched

capabilities. The innovations in compute performance, storage flexibility and networking are some of the most significant advancements in cloud computing.

"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." 2

▲ John Considine

CTO, Verizon Teremark



#### **EDUCATION**



PC ownership can have a significant socio-economic impact on a country and its people. In India, only 10% of households are equipped with PCs.<sup>1</sup> To help reduce the digital divide, the Uttar Pradesh (UP) state government is providing 1.5 million HP notebooks powered by AMD APU technology to eligible students in the region.

Distribution began in 2013 and the project has led to HP supporting 1,400 jobs and investments in the set-up and

management of over 300 service centers in 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

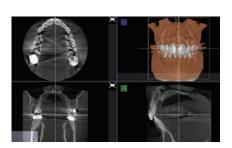
#### HEALTH CARE

Dental practices are transitioning from conventional 2D X-ray film to sleek, chair-side monitors that provide 360 degree visualization and other advanced graphics-driven capabilities at the touch of a screen. These devices can enhance care and streamline processes at every stage of a patient visit, with procedural prompts for dental assistants,

intraoral cameras for detailed images

and access to patient data in real time.

"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."



Dental Assistance Devices - 3D Virtualization

#### The Environmental School Project

The Environmental School Project in British Columbia, Canada has a revolutionary approach to teaching—one that doesn't rely on desks, chairs, blackboards or even a classroom.

The concept is called place-based education in which learning is experiential and happens in context. Computers have to provide rugged performance and power efficiency with long battery life per charge, features critical for an outdoor environment and limited access to power outlets. The school's choice was the HP

3115m notebook featuring an AMD Dual-Core 4 E-3005 APU and an AMD Radeon™ HD 6310M GPU.

"With HP and AMD, all the kids from grades 2-7 have the opportunity to use computers from the school. As soon as they come up with a question, they have the opportunity to get the computer out of their pack and use it for that purpose. It's a huge difference having them available for these kids."

Clayton Maitland

Principal of The Environmental School Project



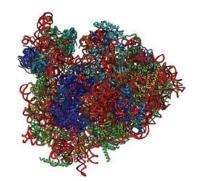
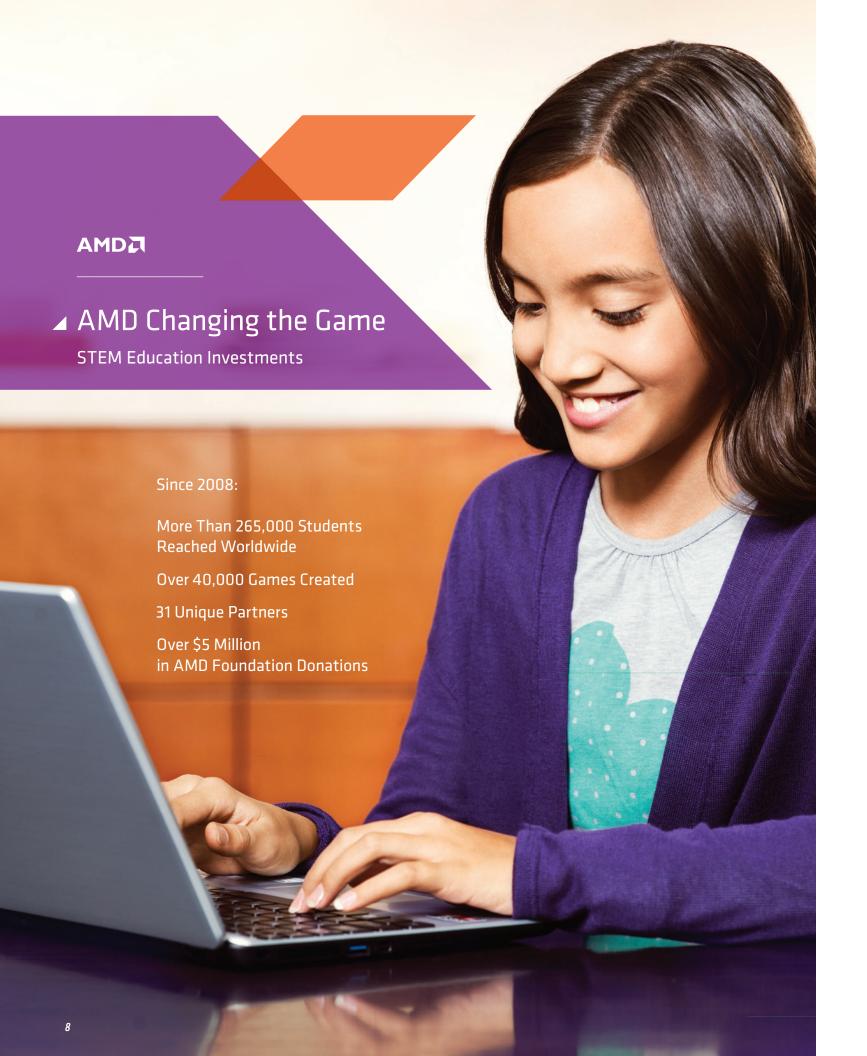


Image from the RCSB PDB (www.pdb.org) of PDB ID 3]38 (Anger AM, Armache JP, Berninghausen D, Habeck M, Subklewe M, Wilson DN, Beckmann R. (2013) Structures of the human and Orosophila 805 ribosome Nature 497: 80-85). ■ Dipl.-Phys. Richard Freitag White Lion Technologies

#### World's First 3D Structural View of the Human Ribosome

AMD's SeaMicro servers aided researchers at The Gene Center of the University of Munich (Ludwig Maximilians University, or LMU) in creating the world's first 3D image of the human ribosome by combining more than 800,000 images. The findings advance the understanding

of how bacteria ribosomes can be broken down without harming human ribosomes, similar to the operation of some antibiotics. This could lead to the discovery of new drugs that are more effective and personalized to a person's genetic profile.



#### INSPIRING TOMORROW'S INNOVATORS

The National Research Council (NRC) report, "Successful K-12 STEM Education: Identifying Effective Approaches in Science, Technology, Engineering and Mathematics," asserts that science, technology, engineering and math (STEM) subjects are basic aspects of our lives as citizens, consumers, parents and workers.

Based on this assertion, it is important for today's youth to improve their STEM skills, yet the data show that there just aren't enough students taking an interest in STEM learning. Perhaps this would change if they understood some of the real-world applications of STEM subjects.

Here are some telling statistics: In its latest report, Indiana University's High School Survey of Student Engagement found that 65% of students are bored "at least every day in class." 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.

That's where AMD Changing the Game comes in: our signature education initiative designed to inspire kids to learn by creating video games around social issues. AMD Changing the Game uses this passion for gaming as leverage for learning. But instead of playing video games, our program teaches kids

how to create them. Through game creation, students learn STEM skills, as well as problem solving, critical thinking, language skills and teamwork. By using age and skill appropriate tools, the program helps educators 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 many adults; the curriculum focuses on developing games around important social issues – such as energy conservation, healthcare and reducing poverty.



National STEM Video Game Challenge

Recognizing the need to make learning both more engaging and productive, AMD teamed up with the Joan Ganz Cooney Center for the 3rd consecutive year to co-sponsor the U.S. National STEM Video Game Challenge with Microsoft and the Entertainment Software Association. Inspired by

President Barack Obama's "Educate to Innovate Campaign," the National STEM Video Game Challenge aims to motivate interest in STEM among students in grades 5-12 by tapping into their enthusiasm for playing and making video games.

In 2013, nearly 4,000 middle school and high school students submitted video games to the Challenge, many of which were more complex, challenging and creative than in previous years.

The competition provides a creative and innovative approach to STEM learning that parallels our signature education initiative, AMD Changing the Game. Both enable youth to develop their own games focused on social issues and make STEM learning engaging. Each winner received an AMD-based notebook computer with game design and educational software, and a cash prize was awarded to the individual's or team's sponsor organization.

"AMD has been a real pioneer in empowering youth through game design. We are very pleased to have partnered with them on the STEM Challenge and support their mission of harnessing the power of game design to inspire youth to tackle critical social issues that will affect their lives while enhancing STEM skills."

▲ Michael H. Levine

Executive Director, Joan Ganz Cooney Center



AMD Foundation was named as a 2012 and 2013 Laureate of the International Data Group's (IDG) Computerworld Honors Program for the use of technology to promote and advance 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 does this through AMD Changing the Game.



AMD employees are committed to supporting our communities and improving the lives of the people we touch.

AMD has actively encouraged that commitment with volunteer opportunities, Green Teams and philanthropic giving. Through various awards and recognitions, we also reward those employees who make substantial contributions to a cause.

170,935

Employee Volunteer hours logged since 1995

#### VOLUNTEERING

For more than 30 years, AMD has invested money, time and technology in organizations that help strengthen communities worldwide. Additionally, our employees continue to make their communities a better place to live and work by donating their time, talents and money to charitable causes. Our volunteer program, AMD Community Corps, is designed to connect employees with volunteer opportunities in their local communities and encourage participation in company-sponsored volunteer events. Since 1995, AMD employees have contributed over \$16.4 million and have performed more than 170,000 hours of volunteer service.

In 2013, global volunteer activities included partnering with several high tech companies and Habitat for Humanity to build homes for low income families. In addition, AMD volunteers picked up hundreds of

pounds of trash, packed and distributed over 40,000 pounds of food to feed the hungry, donated hundreds of pints of blood, and enriched the lives of orphans, at-risk youth and the elderly through education mentoring and personal care programs. In total, AMD employee volunteer efforts benefitted more than 90 nonprofit organizations around the world.

**\$16.4** MILLION

AMD employee contributions and matching funds since 1995

**7.8** MILLION KM

of driving avoided by employees using our commuting alternative options since 2007. This is equivalent to 1,890 metric tons of CO, emissions avoided, which is as much CO, sequestered by 48,450 tree saplings over 10 years.

"It is always a joy and such a pleasure to see the smiling faces of the people that we are able to help. I have been told by many people that we can't save the world, but I truly believe that even one small gesture does mean a lot to the lives of the folks that we are able to touch. So let's continue to give, to communicate and finally to connect."

#### **▲** Boon Somchit

AMD Corporate Vice President, Malaysia

#### HOUSE THAT HIGH TECH BUILT



AMD joined forces with seven high tech companies and Habitat for Humanity to complete the "House that High Tech Built" in Austin, Texas. Hundreds of volunteers worked on the project. and it was a gratifying team building opportunity for peers from different companies to come together and work on a common goal. The event also helped educate people in our industry about the need for affordable housing.

#### REWARDING THE ACHIEVEMENTS OF OTHERS

Employees want to know that what they do everyday matters. To that end, AMD offers a variety of formal and informal ways to recognize employees for a job well done.



The AMD Way Award is the highest level of recognition for individuals or teams who exemplify The AMD Way

AMD Peer Cards are peer-to-peer e-card recognition

**Spotlight Awards** recognize individuals or teams for extraordinary achievements

The Corporate Technical Achievement **Award** is the highest technical award

#### **2013 AMD GLOBAL VOLUNTEER EXCELLENCE AWARD WINNERS**



















Left to Right: Bobby Young, Callan McInally, David Walshak, Helen Wu, Jane Wang, Karen Tan, Nydia Nunez, Rohan Karkhanis, Sue Yee Lim, Jagannadham Duddu, Shri Varadarajulu

Individuals have the power to affect remarkable change in our communities around the world. AMD proudly supports the dedication of these volunteers who share their talents and go above and beyond in the area of volunteerism to give back to their local communities.

#### WINNERS & FINALISTS OF AMD'S **GLOBAL EMPLOYEE ECO AWARDS**

AMD held its 3rd annual Employee "Eco" awards ceremony in 2013 to recognize individuals who make significant efforts to conserve natural resources at work, in the community, while commuting and at home. Winners received custom-engraved bamboo plagues from their site leader.



**ENERGIZER** (SAVED ENERGY) Eddie Chang - Taiwan



**TRASH TALKER** (REDUCED WASTE) Christopher D'Cruz - Singapore



**COMMUTE CHAMPION** (REDUCED DRIVING) Julien Beasley - United States



ALL-AROUND **GREEN LEADER** Regina Lin - Taiwan

# AMD

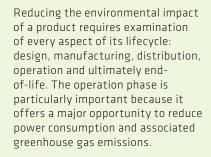
# Why Focus on Energy Efficiency?



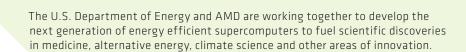
Energy efficiency is a fundamental design principle for AMD. Energy efficient products extend the battery life for mobile devices, reduce the costs of operating data centers and help lessen our collective carbon footprint. As electricity demand increases with the demand for digital technology, AMD is relentlessly focused on designing energy efficient products.

AMD's Mullins APU for notebooks and tablets uses 50% less power than our previous generation APU.





AMD's APUs are a technology breakthrough that utilize the capabilities of the CPU and GPU on a single chip. This heterogeneous approach accelerates processing and delivers dramatic improvements in energy efficiency.



"The development of high performance, energy-efficient processor and memory technologies are critical to achieving the Department's goals and AMD is initiating innovative designs for these components."

#### ▲ Dr. William J. Harrod

Director of Research, U.S. DOE Advanced Scientific Computing Research



#### **DRIVES INNOVATION**

FASTER CALCULATIONS, BETTER SIMULATIONS, LESS ENERGY



Supercomputers are being used by scientists to help advance research in healthcare and climate change, and to optimize clean energy technologies around the world. In the past, 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), using the AMD FirePro™ S10000 GPU accelerators, was ranked 4th in the world on the Green500 list.

Gartner<sup>2</sup> reports there will be 30 billion connected devices by 2020. AMD is helping to improve energy efficiency of connected devices and data centers.



#### **ENABLES SURROUND COMPUTING**

INTELLIGENT, CONNECTED COMPUTING



The era of Surround Computing is bringing more intelligent, connected devices to our daily lives that anticipate our needs and enable realistic, natural experiences. As an increasing number of these devices are plugged in and connected to the Internet, more data is

being 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 a wide range of embedded and mobile client devices.

An AMD SeaMicro SM15000 installation can reduce power consumption up to 75 percent versus a traditional server implementation with similar compute capabilities.



#### BETTER, LOWER COST CLOUD

MORE CONNECTIVITY, MORE AFFORDABLE DATA

Close to 70% of the power used in servers can come from components beyond the microprocessor. AMD's Freedom Fabric<sup>™</sup> eliminates tiers of networking equipment and thousands of cables, resulting in energy and cost savings in the data center.

For example, Livestream allows more than 30 million people to watch

thousands of online events each month. To implement an infrastructure that would scale with its business while staying within constraints on available power that limit the number of servers in their data center, the company selected AMD's SeaMicro SM15000™ high density servers.



"SeaMicro technology ... allows [Livestream] to reduce power consumption and the resulting cost savings go 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



(1) http://www.amd.com/en-us/press-releases/Pages/amd-us-government-computing-2012jul11.aspx

http://www.gartner.com/newsroom/id/2636073

## ■ Supplier Responsibility



#### **✓ STANDARD**

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 we communicate these expectations in an annual letter.

#### **∠** CONFORMANCE

AMD regularly conducts supplier business reviews (SBRs) with 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 screen supplier facilities using EICC-defined risk assessment tools and require any identified as high risk to undergo independent third-party audits conducted by EICC-approved auditors. In 2013, 100% of AMD's major supplier facilities completed EICC self-assessment questionnaires (SAQs) with no high-risk facilities identified.

#### **∠ COLLABORATION**

With more than 90 members (as of February 2014) representing combined annual revenues in excess of \$1.7 trillion, the EICC represents a large portion of the global IT industry. AMD has long supported the EICC because of our strong belief that collaboration on social responsibility issues is the most efficient and effective means to drive real improvement in the electronics supply chain.

AMD's Director of Corporate
Responsibility, Tim Mohin, was elected
Chairman of the Board for the EICC in
2013 and re-elected in 2014. As the
level of maturity increases across our
industry, workers and environmental
conditions around the globe will benefit.

"EICC represents the epitome of collaboration. Our growing membership works to implement a common code of conduct to improve conditions throughout the global electronics supply chain."

#### ✓ Tim Mohin

Director, Corporate Responsibility, AMD, Chairman of the Board, Electronic Industry Citizenship Coalition

#### **✓ WAFER FOUNDRIES**

Wafer foundries are a significant part of our supply chain from both a financial perspective as well as an environmental perspective. For these reasons, we have prioritized wafer foundries for additional scrutiny in our supplier responsibility program.

We conduct quarterly reviews with Taiwan Semiconductor Manufacturing Corporation (TSMC) and GLOBALFOUNDRIES (AMD's two wafer foundry partners) to verify their performance across a broad range of issues, including environmental protection, worker safety, labor standards, greenhouse gas emissions, energy use, water consumption and work hours.

#### ✓ CAPACITY BUILDING

While supplier audits and reviews are effective tools for driving conformance to the EICC Code, experience has shown that training (or capacity building) can enhance the results. 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



PHOTO: SASHA LEZHNEV / ENOUGH PROJECT

The Democratic Republic of the 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 in the region. Illegal armed groups and some Congolese national military units regularly commit human rights abuses while being supported by the trade of minerals¹.

The link between the minerals trade and conflict in the DRC has spotlighted the use of minerals in everyday products such as mobile phones, computers and other electronics. In an effort to break this link, a provision of the 2010 Dodd-Frank Wall Street Reform and Consumer Protection Act requires companies using any of four minerals (tin, tantalum, tungsten and gold) to track it back to its mine of origin. The goal of the law is to reduce or eliminate funding to the armed groups creating conflict in the DRC.

AMD is an active participant in the EICC/Global e-Sustainability Initiative (GeSI)Conflict-Free Sourcing Initiative (CFSI).

Utilizing this collaborative approach, we attempt to track these four metals that are in our products to the smelter or refiner that produced them. Once we have identified the smelters or refiners in our supply chain, we rely upon the CFSI Conflict-Free Smelter Program to determine whether these materials are associated with the conflict.



In addition to these efforts, AMD is a founder and supporter of the Public-Private Alliance (PPA) for Responsible Minerals Trade. We have also engaged with U.S. State Department Special Envoy Russ Feingold on helping the DRC and other governments in the region reduce conflict and improve security. These efforts, combined with tracking materials through our supply chain, are aimed at helping to bring lasting peace and prosperity to this troubled region.



"It is very helpful in the overall solution to conflict minerals to have companies like AMD step forward to raise awareness about and help drive solutions to the tragic human rights abuses in the DRC."

#### John Prendergast

Co-founder of the Enough Project, human rights activist, best-selling author

We posted the results of our conflict minerals tracking program on our public website in 2013 and regularly update this disclosure with the most recent results. Our conflict minerals disclosures are available for download at www.amd.com/conflictminerals.

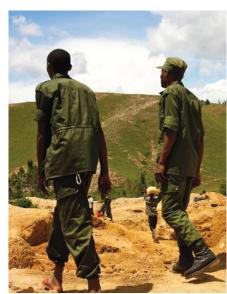


PHOTO: SASHA LEZHNEV / ENOUGH PROJECT

Environmentally Sound

AMD is proud to be on track or ahead of schedule to achieve all of our environmental goals.

Employees from around the glotbe - spanning

Green Team volunteers to environmental professionals - implemented nearly 180 conservation projects in 2013, collectively saving AMD \$4.4 million while delivering outstanding results for the planet.

#### AMD'S "GREEN ARMY" GAINS MOMENTUM

AMD's "Green Army" is an innovative concept that leverages large gatherings - like conferences and networking socials - as venues for expanded volunteer events engaging local businesses, non-profits and city operations. The Green Army model gained national recognition as a Finalist in the PR News' CSR Awards under the "Green Event" Category. AMD is planning its 3rd annual event at the 2014 Austin SXSW Eco Conference in Austin TX. A white paper outlining this model of crowd-sourced volunteerism is available at www. amd.com/CorporateResponsibility.

"Setting the standard for place-based conferences just got higher through AMD's integration of volunteerism into the SXSW Eco conference... which is connecting conference attendees to the local community and establishing a model for other events to replicate."

Rodney Ahart

Executive Director, Keep Austin Beautiful







2013 Environmental Results:

#### AIR

**13%** absolute reduction of greenhouse gas emissions (scope 1 & 2) from non-manufacturing facilities, ahead of AMD's 2014 goal of 5% reduction

**25%** absolute reduction of greenhouse gas emissions (scope 3) from business air travel, product shipping, and employee commuting



# CHARGING-UP OUR EMPLOYEES

Since 2010, AMD has provided electric vehicle (EV) charging stations at our campuses in Austin, TX and Sunnyvale, CA. Participants have enjoyed approximately 10,000 charging sessions, saving 30,000 liters of fuel and 27,000 kg of associated emissions. In 2014, we are increasing our EV infrastructure by 40%, including installing EV charging stations at our Markham, Ontario campus.

In March 2014, AMD expanded our commitment to electric vehicle deployment by becoming a partner in the US Department of Energy's Workplace Charging Challenge.



#### WATER

25% reduction in water use for non-manufacturing sites (normalized to employees), ahead of AMD's 2014 goal of 20% reduction

#### 33 million liters of

water conserved in 2013, enough to fill 13 Olympic-sized pools

Note: Percentage changes compare 2013 values to the 2009 baseline.



# AMD'S LEAN AND GREEN DATA CENTER

AMD's LEED certified data center near Atlanta, GA is more than a green building; not only does it use 100% renewable energy, it's a demonstration of how AMD utilizes cloud computing and IT strategies to minimize power and space requirements for data centers. AMD's data center consolidation project compressed rack space by 45% and virtualized servers. The corresponding result was a reduction from a 2.8 megawatt data center in Austin, TX to a 1.2 megawatt facility in Atlanta, GA thereby avoiding 10 gigawatt hours in electricity, 4,700 metric tons in CO<sub>2</sub> emissions and \$730K in electricity costs annually.



#### WASTE

**78%** of waste from our global operations was diverted from landfills in 2013, up from 40% in 2009 and ahead of AMD's 2014 goal of 70% diversion from landfills

Over 1,000 metric tons of waste was diverted from landfills in 2013, including 440 metric tons from recycled e-waste and 80 metric tons from expanded composting programs



# AMD'S MANUFACTURING SITES

AMD operates manufacturing sites in Penang, Malaysia and Suzhou, China and has established specific environmental goals for these sites within the context of their operations. These goals are set for accomplishment in 2017 and we are on track to meet these goals. In 2013, these sites collectively avoided 2.4% of total water use, 8.5% of total air emissions and diverted 72% of non-hazardous waste and 100% of hazardous waste from landfills.



The LEED® Certification trademark owned by the U.S. Green Building Council and is used with permission.





AMD's Wellness Program focuses on **5 key elements** for employees to maintain a healthy, well-balanced lifestyle:



#### NUTRITION

AMD's on-site cafeterias 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.



AMD holds numerous events to promote employee wellness such as wellness expos, tobacco cessation programs, annual flu shots, on-site blood drives and free health management services to U.S. employees through WebMD Health Services.



3 F

#### **FITNESS**

AMD provides free on-site fitness centers at many locations with personal training options, weight reduction programs like "Get Your Move On" and "Biggest Winner," and events such as Bike to Work Week, National Fitness Day and World Health Day.

4

#### **EMOTIONAL WELLBEING**

AMD's global Employee Assistance Program (EAP) counsels employees on 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.

"We are proud to offer tools and resources to enable AMDers across the globe to manage work-life balance, their physical health and mental wellbeing. AMD Wellness@Work further supports a culture of health and productivity for our employees and their families."



#### CAREER

Career progression is as important as health and wellness to a 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.

Courtney Holcomb

Manager, AMD Benefits

#### POSITIVELY HEALTHY

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 PREVENTION

AMD's goal is to continuously reduce occupational injury and illness case rates. From 2012 to 2013, our worldwide injury case rate decreased 44% from 0.18 to 0.10 cases per 100 workers. This injury rate is well below industry averages. The decrease is a result of an improved process to investigate and address root causes of injuries and increased communication to employees on injury prevention.

4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

PRIVATE COMPUTER / ELECTRONIC SCIENTIFIC/ TECHNICAL SERVICES(PIN)
PRODUCT MEC. (2012)
TECHNICAL SERVICES(PIN)
SERVICES(PIN)

U.S. OSHA Injury & Illness Case Rates (cases/100 workers)



#### STAKEHOLDER ENGAGEMENT PANEL

AMD believes that long-term engagement with our stakeholders helps build a deep understanding of our company and our industry. Similarly, AMD gains meaningful knowledge about the expectations of stakeholder groups outside of our company. Working with Ceres, an awardwinning, non-profit group focused on business and sustainability, AMD has established a stakeholder advisory panel. Interactions with this panel typically occur twice per year and provide AMD with valuable insights and perspective on how to improve our corporate responsibility strategies, communications and performance.

"AMD has a long history of commitment to corporate responsibility and actively engages stakeholders to help improve the company's performance. Going forward, AMD should work with its customers to understand, prioritize and improve the full sustainability impacts of its products."

#### Natasha Scotnicki

Director Corporate Program, Ceres

#### **EMPLOYEE SATISFACTION**



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 survey was completed in 2013. We invited 100% of our employees to participate and 82% responded.

Among other positive results, it was gratifying to learn our employees have a very high level of satisfaction with AMD corporate responsibility programs: an average of 81% favorable for all employees surveyed. This was the second highest approval rating of any question asked in the survey and had the least negative responses. Even with this high level of satisfaction, we are striving to further improve. We have set a goal to increase the approval rating for our corporate responsibility programs to well above the norm for high-performing companies (+6 percentage points) by 2015.

#### INVESTOR ENGAGEMENT

"AMD has actively sought feedback and dialogue with the social investment community through Ceres and through its "roadshow" visits. The company has demonstrated a commitment to engage in candid, constructive dialogue as a means to stay current and improve their performance on a variety of sustainability issues."

AMD actively engages with its shareholders, the investment community and third-party ranking and ratings organizations. In 2013, AMD held an online webcast engagement session focused on our corporate responsibility programs. In February 2014, AMD met with leading environmental, social and governance research firms and socially responsible investors. In these meetings, we discussed AMD's policies, priorities, and progress and gathered feedback.

#### ▲ Adam M. Kanzer, Esq.

Managing Director & General Counsel, Domini Social Investments LLC.

#### **HUMAN RIGHTS**

In 2014, AMD asked Business for Social Responsibility (BSR) to conduct an assessment of our policies and practices in comparison to the United Nations Guiding Principles on Business and Human Rights. We plan to use the key risks and opportunities identified by this review to guide our programs going forward.

"AMD has demonstrated leadership by assessing their policies and practices against the UN Guiding Principles on Business and Human Rights. Given the evolving applications of digital technology, AMD and the whole high-tech industry has an opportunity to increase transparency and integrate human rights considerations into their operations."

#### ▲ Aditi Mohapatra

Associate Director, ICT Practice, BSR



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## The data behind our corporate responsibility story.

Key Performance Indicator	2011	2012	2013
Total Number of Employees	11,093	10,340	10,671
Percentage of Female Employees	29%	28%	28%
Worldwide Injury and Illness Case Rate (per 100 workers)	0.32	0.18	0.10
Employee Volunteer Hours <sup>A</sup>	12,693	7,735	9,043
Total Revenue (In millions USD)	\$6,568	\$5,422	\$5,299
Net Income (In millions USD)	\$491	(\$1,183)	(\$83)
AMD Foundation Giving (USD) <sup>B</sup>	\$2,649,564	\$2,646,333	\$234,931
Other Cash and In-Kind Giving (USD)	\$1,561,711	\$560,245	\$586,470
Energy Use (Gigawatt hours – GWh)	473	436	387
CO <sub>2</sub> Equivalent Emissions <sup>c</sup> (Metric Tons CO <sub>2</sub> e, Scope 1 & 2)	191,637	199,979	206,477
Water Use (Million liters)	890	868	910
Waste Water Discharge (Million liters)	364	391	235
Non-Hazardous Waste Generated (Metric tons)	2,126	1,730	2,049
Landfill Diversion Rate	57%	64%	78%
Major Supplier Facilities that have completed EICC Self-Assessment Questionnaires (SAQs) EICC = Electronic Industry Citizenship Coalition	54%	89%	100%
Number of High Risk Major Supplier Facilities Based on SAQ Scores	9%	0%	0%

^ 2013 hours included volunteer time at both company sponsored and non-company sponsored CG lobal CO2 equivalent emissions increased in 2013 despite an absolute decrease in events. Prior years included only company-sponsored events.

<sup>8</sup> AMD Foundation Giving was suspended in 2013 as a result of AMD's efforts to reduce operating costs and return the business to profitability.

energy use, mainly due to increased use of test equipment with higher emissions at AMD manufacturing sites.

# RECOGNITION

MEMBER OF **Dow Jones** Sustainability Indices In Collaboration with RobecoSAM •

Dow Jones Sustainability Index (North America) 2013



CR magazine's 100 Best Corporate Citizens 2013 and 2014



(Maplecroft) Ranked 18th of Best 100 in climate protection



Prime Status from Oekom Research



AMD Foundation named a 2013 Computerworld Honors Laureate for innovative STEM education



MSCI 2013 Intangible Asset Rating: A



Member of the US EPA's Green Power Leadership Club and ranked in Top 30 Tech-Telecom list

#### Other 2013 Awards & Listings:

Listed In Calvert Social Index, Calvert Investments

Listed in the Global Challenge Index, Hanover Stock Exchange/Oekom

Partner in the Workplace Charging Challenge, US Department of Energy

Finalist for CSR award,

Singapore: Commendation Award for Excellence in Safety and Security, National Safety and Security Watch Group (SSWG)

China: Outstanding Member, China Electronics Standardization Association CSR Committee

Boston Design Center: 2013 Pacesetter - Excellence in Commuter Options (ECO) Award, MassRIDES

Award (large business), Chamber of



Austin: Austin Green Program (Platinum City of Austin



Fort Collins: Level" Partner, City of Fort Collins

Sunnyvale, Fort Collins and Austin: Bicycle Friendly Business (Bronze), League of American Bicyclists

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