



ENERGY EFFICIENCY & CLIMATE CHANGE

CORPORATE RESPONSIBILITY ISSUE BRIEF

MAKING THE PLANET A PRIORITY

Climate change presents significant challenges for our collective environmental, social, and economic interests. Scientists worldwide have long held this position, and we share these views. That’s why we’ve prioritized energy efficiency and climate protection at AMD. As designers of microprocessors during a period of amazing growth in technology, we embrace the responsibility to protect our planet and the opportunity to help others save energy.

Our climate goals for the year 2020 span AMD’s business operations and have been verified by the Science Based Targets Initiative.¹ We are steadfast in our commitments to environmental stewardship—whether it’s by sourcing renewable energy for our offices, demonstrating best-in-class manufacturing with wafer suppliers,² or efficiently powering millions of AMD-enabled devices.

A VISION WHERE SUSTAINABLE IS ATTAINABLE

We’ve been advancing climate protection and reporting results for over 20 years. While we’re very proud of the progress made, we believe the greatest advancements are still ahead. For example, our 25x20 goal means in 2020 an AMD powered laptop will consume 1/5th the power and accomplish a task in 1/5th the time as one produced in 2014.³

We envision a world where technology decouples environmental impacts from economic growth. A world where ultra-efficient technology powers breakthroughs in education, productivity, entertainment, research, and more.

Of course, no company can effectively address climate change alone. We actively collaborate with industry, government, academic, and non-profit partners. Working together, we can help solve the world’s climate challenges—by sharing what we learn, setting bold goals, and striving for continuous improvement.

At AMD, we believe technology plays an important role in ensuring a clean and connected world for future generations. Achieving sustainability is not only attainable, it’s imperative.

A CLEAR PATH – AMD’S 2020 CLIMATE COMMITMENTS

Products:

- 25x improvement in performance-per-watt for mobile processors³

Operations:

- 20% reduction in GHG emissions (scope 1 & 2)⁴

Supplier Manufacturing:

- 75% lower GHG emissions (scope 1) and 40% lower electricity use annually, compared to industry average²

“AMD’S CLIMATE TARGETS SEND A CLEAR SIGNAL – THAT IT’S COMMITTED TO HELPING DECARBONIZE THE ECONOMY AND POWER AN ENERGY-EFFICIENT FUTURE.”

– Dr. Suzie Wood, Senior Manager, Science Based Targets

1 www.sciencebasedtargets.org/companies-taking-action

2 AMD has environmental, health and safety goals with our wafer foundry suppliers designed to significantly outperform industry averages (e.g., 40-75% better than average), based on a normalized manufacturing index (Sq. cm of silicon x masking layers x wafers per year).

3 Typical-use Energy Efficiency is defined by taking the ratio of compute capability as measured by common performance measures such as Cinebench and 3DMark 11, divided by typical energy use as defined by ETEC (Typical Energy Consumption for notebook computers) as specified in Energy Star Program Requirements Rev 6.1 10/2014. See www.amd.com/25x20 for complete footnotes.

4 2014 goal baseline GHG emissions (scope 1 and 2) are 57,585 MTCO2e, and 2020 GHG goal target is 46,068 MTCO2e.



MORE THAN A TECHNOLOGY COMPANY

CORPORATE RESPONSIBILITY ISSUE BRIEF

ENABLING TODAY, INSPIRING TOMORROW

We believe that immersive and instinctive computing will transform our lives and we are inspired by how digital technology has improved our world. From helping students learn, to innovative new therapies for veterans, to mapping the universe we live in – AMD technology is opening new doors to a better world.

WHO WE ARE

For more than 47 years AMD has driven innovation in high-performance computing, graphics, and visualization technologies – the building blocks for gaming, immersive platforms, and the datacenter. Hundreds of millions of consumers, leading Fortune 500 businesses, and cutting-edge scientific research facilities around the world rely on AMD technology daily to improve how they live, work, and play. AMD employees around the world are focused on building great products that push the boundaries of what is possible.

GRAPHICS



Gaming



Machine Intelligence



Virtual & Augmented Reality

COMPUTE



Client Systems



Infrastructure & Cloud

SOLUTIONS



Semi-Custom



Vertical Platforms



Partnerships

WHAT WE MAKE

GRAPHICS

AMD combines breakthrough graphics architecture with leadership software to build platforms that can handle the most challenging, important, and graphics-intensive applications today, including gaming, machine intelligence, and virtual and augmented reality.

COMPUTE

AMD's high-performance CPUs, APUs, and chipsets deliver powerful, efficient performance for consumer and commercial devices like desktops, notebooks, and datacenters.

SOLUTIONS

AMD is the only company in the world with both high-performance graphics and compute capabilities. Together, they create unique, differentiated solutions for customers and partners. From embedded products that power medical imaging devices and digital signage, to semi-custom processors for leading game consoles and beyond, AMD's solutions are everywhere.

For more information on our corporate responsibility programs, please visit www.amd.com/CorporateResponsibility

©2017 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD logo, Radeon and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other trade names are used for identification purposes only and may be the property or trademarks of their respective owners.