2020 Qualcomm China Corporate Responsibility Report

Qualco/\/\/\/\

Table of
Contents

Message from Our CEO

Reimagining what's possible has been core to our successes throughout our 35-year history, but now, more than ever, we've seen the fundamental role wireless technology plays in helping us stay connected. During the ongoing COVID-19 health crisis, with people all over the world working beyond the office, learning beyond the classroom, and experiencing healthcare beyond the traditional doctor's office, the potential for our technologies, especially 5G, to meet society's needs has never been more evident.

In addition to a global health crisis, the events of 2020 brought other societal challenges to the forefront; from racial justice to real-time impacts of the climate crisis, there is much more work to be done. For our part, we will continue to advocate for positive change on these issues in line with our core values of operating with unquestioned integrity and fostering a collaborative community.

To that end, we have established 2025 quantitative targets, focusing on building a more diverse team, fulfilling our responsibilities as a corporate citizen, and integrating sustainability into every aspect of our business.

To better understand and address the climate-related risks and opportunities across our Company, we conducted our first climate scenario analysis and are pleased to include Task Force on Climate-related Financial Disclosures (TCFD) and Sustainability Accounting Standards Board (SASB) indices in our global 2020 Qualcomm Corporate Responsibility Report.

Despite the unforeseen challenges of 2020, we have had many successes over the last year. We welcomed the unanimous reversal of the district court's judgment in the FTC case, a decision that validates our licensing business model and underscores the tremendous contributions that we have made to the industry. We now have license agreements with every major handset maker, including more than 110 5G agreements, a testament to the years of relentless research and development we have invested to consistently push the boundaries of what's possible. For the second consecutive year, we have been named on Fortune's Change the World List, in recognition of the revolutionary societal impacts of 5G, and by Newsweek as one of America's Most Responsible Companies.

And, as we continue to work toward our 2030 Vision, I am proud to report we successfully met or exceeded our 2020 corporate responsibility goals and are launching the next set of more ambitious 2025 goals, the details of which can be found throughout this Report. Finally, across our corporate responsibility priorities, the environmental, social and governance (ESG) areas where we believe we can be most impactful, there are a few accomplishments I would like to specifically mention:

Purposeful Innovation: Staying connected is now more important than ever, and 5G strengthens those connections. We are focused on helping transform telemedicine, supporting remote education, addressing environmental sustainability, and more efficiently powering mobile devices. This year, we launched the Qualcomm® Small Business Accelerator Program designed to help small businesses participate in the global transition to a mobile-first digital work environment to help them thrive in today's business climate and be set-up for resiliency and success in the long-term. The comprehensive program was created to provide small businesses with products from ecosystem partners powered by Qualcomm Technologies solutions, collaboration tools, and technical and integration support, so that the selected businesses can continue to maintain operations throughout the current global pandemic and beyond.

STEM Education: Despite the shift to a virtual learning environment, we increased student participation in our Qualcomm® Thinkabit™ weeklong summer camps and, in collaboration with our national network of sites, have now inspired more than 78,500 students to explore careers in engineering. In support of our FIRST Strategic collaboration and as a Lead Sponsor of FIRST STEM Equity grants, we helped provide critical access to FIRST programs for over 29,000 students, the vast majority of whom were economically disadvantaged.

Responsible Business: In our updated Qualcomm Human Rights Statement, we reaffirmed our commitment to respecting all internationally recognized human rights and avoiding complicity in any human rights abuse. The Statement reiterates our belief that human rights are fundamental rights, freedoms, and standards of treatment to which all workers are entitled, which is especially pertinent during the global public health crisis.

Our People: In line with our commitment to promoting equity across our Company and industry, over the past two years, we increased female engineering representation by 17 percent worldwide, and in the United States, we have increased representation of engineers in racial and ethnic groups historically underrepresented in the technology sector by 12 percent.

During what have been difficult circumstances, I am incredibly proud and grateful for the grit and dedication of our employees, who have demonstrated the optimism and perseverance that have always defined our Company culture. As we look ahead, we are excited to continue inventing breakthrough technologies that can transform industries, help build a more resilient economy, and catalyze social change for billions of people across the globe.

Steve Mollenkopf
Chief Executive Officer, Qualcomm Incorporated

Message from
Our Chairman in China

At Qualcomm, we believe in the power of technology. For decades, our innovations have transformed entire industries, improved billions of lives, and addressed many of society's biggest challenges. Now is an important time to reflect on our impact, as the COVID-19 pandemic has unleashed a whole host of new problems for communities worldwide.

The 2020 Qualcomm China Corporate Responsibility Report shares our efforts this year to support and strengthen the communities where we operate. In this report, we outline how our wireless technologies were used to connect people and empower industries to combat COVID-19. The report covers our key partnerships and efforts to accelerate local innovation, as well as our philanthropic and community involvement in China.

First, I would like to stress my deep appreciation for front-line medical workers in China, as well as my respect for the ongoing efforts made across Chinese society to contain the COVID-19 virus. In the immediate aftermath of the outbreak in China, Qualcomm acted swiftly to support first responders, donating RMB 7 million to the Chinese Red Cross Foundation's emergency response. We partnered with China Children and Teenagers' Fund to support remote learning in under-resourced areas, donating more than 500 mobile devices and laptops. In the early stage of the epidemic, our teams on the ground also worked with heavily impacted local communities to help secure much-needed masks from abroad.

In recognition of our efforts in 2020, the China International Council for Promotion of the Multinational Corporations (CICPMC) featured Qualcomm in a book titled "MNC's actions in fighting COVID-19 together with China". Qualcomm's contributions in the fight against the pandemic as well as our suggestions on "Key 5G applications: enablers of Economic Transformation & Industry Upgrading under the Regular epidemic Prevention and Control Measures" are included in this book.

At such a critical time for China and the world, we are proud that Qualcomm's wireless communication technologies provided reliable connectivity solutions both in China and around the world to maintain service continuity, especially in the critical areas of healthcare, business, and remote education.

We are aiming to have an even larger positive impact as 5G accelerates. As a new frontier in wireless connectivity, 5G will be a major driver of economic growth, productivity, and jobs. 5G will spur innovation across a host of industries, creating new products and services that will drive post-COVID economic recovery across multiple sectors.

China's efforts to cultivate 5G for the sustainable development of the economy are very encouraging. The country's "new infrastructure" plan places an important focus on the development of 5G, Internet of Things (IoT), Artificial Intelligence (AI), and the other technologies necessary to build a "Digital China".

Significant progress is already being made. By the end of 2020, it was reported that China has built nearly 700,000 5G base stations – more than twice the total installation built in the rest of the world.[1] China's leading telecom providers, China Telecom, China Mobile, and China Unicom, have all launched 5G commercial services and released corresponding 5G packages, while Chinese handset makers have released more than a dozen flagship 5G smartphones powered by Qualcomm solutions.

Over the past year, we have established a number of initiatives to provide ecosystem support and investment, and to accelerate further expansion of technologies, including 5G and IoT. In 2020 we launched two new joint innovation centers in China, including the Honggutan – Qualcomm China – Shadow Creator Joint Innovation Center and the Hangzhou Future Sci-Tech city - Qualcomm China – ThunderSoft Joint Innovation Center and Qualcomm AI Innovation Lab. In July 2020, we joined 22 leading Chinese IoT partners to launch the 5G IoT Innovation Initiative. Qualcomm Ventures also invested in several key Chinese startups spanning IoT, vertical AI applications and 5G applications, and held the 12thQPrize China event that brought together 173 startups with innovations related to the 5G ecosystem.

Qualcomm Wireless Reach enriches people's lives through programs that strengthen economic and social development. These programs demonstrate pioneering uses of our Company's wireless communication technologies to help drive human and economic progress in underserved areas globally. In China, Wireless Reach has already benefited more than one million people over the last 15 years.

Our Wireless Reach programs in China are dedicated to helping to close the digital divide. Recent efforts include support for remote education, smart agriculture, and mobile health. With the onset of COVID-19, the digital divide has become an even more pressing issue, as schooling and many other services have been forced to go online, depriving those without internet from access to basic services. In this context, Wireless Reach programs that support remote learning, help achieve China's poverty alleviation goals and increase access to mobile health initiatives were even more crucial.

Outside of Wireless Reach, Qualcomm is also committed to fostering the next generation of STEM talent. To that end, in China in 2020, we continued to work with the Shanghai Adream Charitable Foundation to deploy a 16-lesson STEM curriculum for thousands of primary and junior high students. Through this program we hope to inspire an interest in the next generation for the transformative potential of technology and help pass the torch to these future technologists, who can use their skills to help the globe address future challenges.

Looking ahead, new technologies will play an even larger role in China's development. 5G combined with AI and IoT will enable a whole new cycle of innovation, ushering in brand new business models, new services, and new ways for customers to communicate and interact. We believe that now, and long into the future, 5G will be a driving force of high-quality economic development for China.

China's 5G development will have implications far beyond its borders. By 2025, China is expected to account for 40 percent of the world's 5G connections, and China's 5G development will impact the direction and nature of global 5G deployment.[2] The generation-defining achievements that are taking place in this country will be important and influential for the digital transformation of industries across the globe, and Qualcomm is very pleased to be a part of this historic progress.

With more than 25 years of business operations that are "Rooted in China", Qualcomm continues to support the growth of Chinese companies, industries, and communities. We know that our Company's success depends on the success of our partners, and we remain dedicated to working and innovating together to achieve shared success.

Together with the ecosystem partners, we are excited to accelerate and leverage the power of 5G, driving and sharing truly transformational innovations in China for China and for the world.

Frank Meng
Chairman, Qualcomm China

[1] China leads world 5G development with 700,000 base stations - Xinhua | English.news.cn. (2021). Retrieved 4 March 2021, from http://www.xinhuanet.com/english/2020-11/14/c_139516491.htm

[2] (2018) China is poised to win the 5G race - Key steps extending global leadership, EY Report.

About
Qualcomm

Qualcomm is the world's leading wireless technology innovator and the driving force behind the development, launch, and expansion of 5G. We invent foundational technologies that transform how the world connects, computes, and communicates.

When we connected the phone to the internet, the mobile revolution was born. Today, our inventions are the foundation for life-changing products, experiences, and industries. As we lead the world to experience 5G, we're ushering in a new era of intelligent, connected devices that's transforming entire industries and enriching lives on a global scale — from smartphones to mobile PCs, healthcare to education, automotive to agriculture, and factories of the future.

Throughout our history, we've made the "impossible" possible. The expansion of 5G is just one example, inspiring new inventions that help enable our customers and partners to create technologies we've yet to imagine. When we break through, the ecosystem leaps forward and the world benefits by the competitive options that emerge.

References in this report to "Qualcomm" may mean Qualcomm Incorporated, Qualcomm Technologies, Inc. and/or other subsidiaries or business units within the Qualcomm corporate structure, as applicable.

Our products are revolutionizing industries, including automotive, computing and IoT. They're enabling connections between millions of devices in ways never imagined. Our inventions are helping create a renewed livelihood for many people and allowing us the honor of enriching lives.

Qualcomm CDMA Technologies (QCT) Production Model

Other than for our RFFE modules and RF filter products (described below), QCT utilizes a fabless production model, which means that we do not own or operate foundries for the production of silicon wafers from which our integrated circuits are made. Therefore, we primarily rely on third-parties to perform the manufacturing and assembly, and most of the testing, of our integrated circuits based primarily on our proprietary designs and test programs. Our suppliers are also responsible for the procurement of most of the raw materials used in the production of our integrated circuits. The majority of our foundry and semiconductor assembly and test suppliers are located in the Asia-Pacific region.

QCT primarily uses internal fabrication facilities to manufacture RFFE modules and RF filter products, and its manufacturing operations consist of front-end and back-end processes. The front-end processes primarily take place at manufacturing facilities located in Germany and Singapore and involve the imprinting of substrate wafers with the structure and circuitry required for the products to function (also known as wafer fabrication). The back-end processes include the assembly, packaging and test of RFFE modules and RF filter products and their preparation for distribution. The back-end manufacturing facilities are located in China and Singapore.

Revenues in Fiscal 2020

$16.5b
QCT **Qualcomm CDMA Technologies**

QCT is a leading developer and supplier of integrated circuits and system software based on 3G/4G/5G and other technologies for use in wireless voice and data communications, networking, application processing, multimedia and global positioning system products.

$36m
QSI **Qualcomm Strategic Initiatives**

QSI makes strategic investments primarily through our Qualcomm Ventures arm that are focused on expanding or opening new opportunities for our technologies as well as supporting the design and introduction of new products and services (or enhancing existing products or services).

$5.0b
QTL **Qualcomm Technology Licensing**

QTL grants licenses or otherwise provides rights to use portions of our intellectual property portfolio which, among other rights, includes certain patent rights essential to and/or useful in the manufacture, sale and/or use of certain wireless products, including, without limitation, products implementing CDMA2000, WCDMA, CDMA TDD, LTE and/or OFDMA-based 5G standards and their derivatives.

$2.0b
OTHER

Other revenues were comprised of licensing revenues from the settlement agreement and royalties for sales made in the March 2020 and June 2020 quarters under the new global patent license agreement and, to a lesser extent, revenues from nonreportable segments.

About
Qualcomm China

With 14 offices in China, we support a tech-forward economy and drive advancements in semi-conductors and mobile telecommunications. Our dedication to developing the world's most advanced technology in China for 3G and 4G LTE devices has not only brought us success in China but recognition across the world. Today, together with our partners in China, we are pioneering the way to 5G with a new era of intelligent products that are revolutionizing industries, including automotive, computing, and IoT — allowing millions of devices to connect with each other like never before.

We are also committed to advancing our society with wireless technologies that bring long-term, sustainable progress to underdeveloped areas. Benefiting over one million people to date, our Qualcomm® Wireless Reach™[3] program partnerships with Chinese operators and non-profits have improved lives through projects impacting health care, education, entrepreneurship, and bridging the digital divide between cities and rural areas.

[3] Wireless Reach is a trademark of Qualcomm Incorporated.

FY20 at a Glance

We recognize now, more than ever, the need to stay connected. In fiscal year 2020, we continued to focus on delivering critical wireless technologies to help keep families, friends and communities connected. Working in close collaboration with our Chinese partners, we have reached many milestones focused on enabling sustainable innovation and development in China. What follows are some of the highlights from this year.

Strengthening our Communities

Supporting our communities throughout COVID-19

We supported the Chinese Red Cross Foundation with a donation of RMB 7 million for the purchase of 20 negative pressure ambulances and protective suits.

Helping bridge the digital divide

We partnered with China Children and Teenagers' Fund to support remote learning in under-resourced areas and donated more than 500 mobile devices and laptops.

Advancing sustainable farming with wireless technologies

We launched the Smart Agriculture program in collaboration with the China Foundation for Poverty Alleviation (CFPA), deploying wireless technologies to help enhance farm management and operations. The program is expected to reach 5,000 farmers in four underdeveloped counties, helping them to increase production volumes and achieve sustainable income growth.
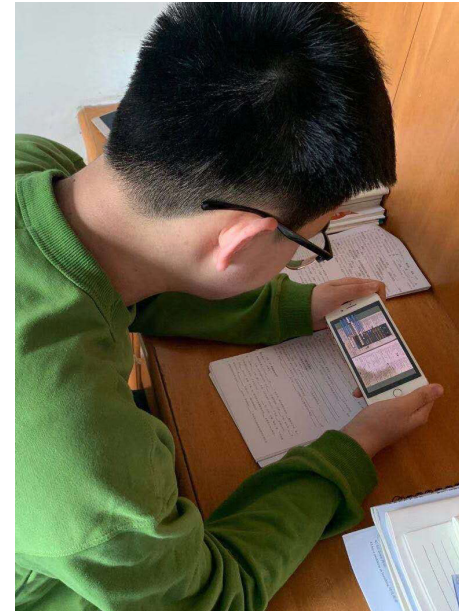
Growing with China's Innovation Ecosystem

Two new joint innovation centers

In January 2020, we signed an agreement with Jiangxi Nanchang Honggutan district government and Shadow Creator to establish the Honggutan – Qualcomm China – Shadow Creator Joint Innovation Center. The innovation center opened in September 2020.

In March 2020, we signed an agreement with Thundersoft and Hangzhou Future Sci- Tech City to establish an Innovation Center and Qualcomm AI Innovation Lab, featuring a demo center, a 5G lab, and an incubator to further support technology development in the fields of 5G, AI, and IoT. The innovation center was officially opened in December 2020.

Invested in four startup companies

Qualcomm's venture capital arm invested in four startups in China: Shanghai Huaqin Telecom Technology, Redtea Mobile, Shenzhen Tensortec, and Dalong Tech.

STEM & Maker curriculum for the community

We continued our work with the Shanghai Adream Charitable Foundation to optimize and deploy the STEM & Maker curriculum. At the end of the fiscal year, 187 schools and 10 community centers have implemented the STEM & Maker curriculum, benefiting more than 40,000 students aged from 10 to 15.

QPrize China

In October we held the 12th Qualcomm Ventures Sequoia China 5G Ecosystem Startup Competition – QPrize. The competition attracted 173 startup companies. After fierce competition, the Digital Twin service provider, DataMesh, the intelligent robotic lawn mowers provider, Shanghai Seven Bridges Robot, and the 5G industrial interconnection solutions provider, Yunzhi Ruantong, won the top three prizes.

Building an Intelligently Connected Future Together

Accelerating the commercialization of 5G

In 2020, we continued driving the proliferation of 5G across multiple tiers to make the next generation of camera, artificial intelligence, and gaming experiences more broadly available. This year, we launched our first 5G mobile platform in the Snapdragon 6-series, the Qualcomm® Snapdragon™ [4] 690 5G Mobile Platform, and we announced plans to expand our portfolio of 5G mobile platforms to the Snapdragon 4-series in early 2021.

Together with ZTE, we achieved a landmark 5G-enabled Voice over New Radio call (VoNR). One of many milestones we've achieved with ZTE, this is an important step in the global mobile industry's evolution from non-standalone to standalone, as it will allow operators to deliver high-quality voice service without having to rely on VoLTE (voice over LTE) or an LTE anchor.

Together with China Broadcasting Network (CBN) we achieved the world's first large-bandwidth 2x30MHz 5G data call demonstration in the 700MHz (Band n28) FDD spectrum band – an optimal frequency band to provide wide coverage, fast speeds, strong penetration, and service continuity, which are important aspects not only for traditional mobile services, but also for new vertical enterprise customers. In addition, we worked together with leading OEMs to launch the first batch of commercial 5G devices that support CBN's 700 MHz, including smartphones, CPE and 5G modules, all powered by the flagship Snapdragon 865 5G Mobile Platform with the Snapdragon X55 5G Modem-RF System.

Strengthening the 5G ecosystem

We hosted the 5G IoT Summit and launched the "5G IoT Innovation Initiative", together with 22 industry partners, to promote the win-win development of IoT and related technologies.

We held the 2nd XR developer contest and Qualcomm XR Ecosystem Conference, convening experts and industry leaders for a discussion on the trends and future development opportunities in the field.

First Qualcomm AI Innovation Challenge

To boost innovation that combines AI and 5G, we co-organized the first Qualcomm AI Innovation Challenge, together with CETZ, CSDN, Testin, OPPO, Extreme Vision, Thundersoft and Google TensorFlow Lite.

Envisioning new user experiences with 5G-powered devices

Our Qualcomm® Snapdragon™ themed hall at ChinaJoy brought together nearly 50 of our partners. We showed more than 60 live demonstrations of games and entertainment experiences supported by 5G smartphones, 5G PCs, XR, IoT and other smart technologies.

---

[4] Qualcomm Snapdragon is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.

Award Highlights [5]

Corporate Responsibility Awards and Recognition

"China Red Cross Medal of Love"
— Red Cross Society of China

"Targeted Poverty Alleviation Excellent Case Award" for Wireless Reach
— Xinhuanet

"Most Respected Enterprise"
—The Economic Observer

"Recognition award for contribution to poverty alleviation and fighting COVID-19"
— China Internet Development Foundation and China Foundation for Poverty Alleviation

"2020 List of Companies Using ICT to Contribute to Sustainable Development"
— Communications Weekly

"Excellent Solution List of ICT Contributing to Sustainable Development" for Snapdragon 865 5G Mobile Platform
— Communications Weekly

Major Industry Awards and Recognition

"2020 5G New Infrastructure Pioneer Company"
— China Electronics News

Demonstration Cases: Technology Innovation for 5G Pioneer Initiative
— China International Fair for Trade in Services (CIFTIS)

"Ingenuity Service Award" for 5G Pioneer Initiative
— People.cn

"World Leading Internet Scientific and Technological Achievement" for Qualcomm Snapdragon X55 5G Modem-RF System
— World Internet Conference

"The Best Intelligent System Award" for 3rd Generation Qualcomm Snapdragon Automotive Cockpit Platforms
— World Intelligent Vehicle Conference

"World IoT Awards — The Enterprise Award"
— World Internet of Things Conventions

"Outstanding Contribution to 5G Commercialization Award"
— People's Posts and Telecommunications News

"2019 ICT Innovation Award — 5G Leading Platform Award" for Snapdragon 865 5G Mobile Platform
— People's Posts and Telecommunications News

"The Top 20 List of 5G New Infrastructure Pioneer Company"
— Communications Weekly

"2020 Best Terminal Solution of the Year" for Snapdragon 865 5G Mobile Platform
— Communications Weekly

"2020 ICT Industry Strength Award" (ICT Dragon and Tiger List)
— CWW

"Top10 Excellent Solutions of ICT Supporting New Infrastructure" for Qualcomm Snapdragon 5G solution
— CWW

"2019 Best 5G Mobile Platform of the Year" for Snapdragon 865 5G Mobile Platform
— CWW

"Honor list of ICT industry"
— China InfoCom Media Group and CWW

[5] *The list may include awards and recognition received outside of the reporting period.*

Our
COVID-19
Response

Protecting the Health and Safety of our Employees and Communities

Our employees make Qualcomm's success possible and their health and safety is our top priority. From the onset of the COVID-19 crisis, our Emergency Operations Team (EOT) implemented a comprehensive response plan covering items such as: hygiene practices, infection-control measures, medical treatment, communication, travel policies, and human resource policies. Qualcomm China initially extended the Chinese New Year holiday break, and then on January 28, 2020, moved to a work from home policy for employees who were able to perform their job remotely. As the situation continued to evolve, our response plan has been closely monitored, adjusted and communicated to employees at global, regional and local levels.

When we started to arrange employees to return to office in mid-April, we developed a systematic process that categorized employees into four groups, each with a different working onsite schedule. This ensured no more than 50 percent of our workforce was onsite at any given time.

In accordance with the requirements from health authorities, to ensure understanding and compliance with the safety measures in place, all China-based employees took the "Employee Hygiene Guidance" course. The course outlined the control measures and personal hygiene behaviors that must be strictly followed going to and from work, and while at work.

For employees whose work is both critical to the continuity of business operations and requires onsite presence to perform work duties, Qualcomm took appropriate measures – as recommended by leading public health authorities – to ensure that the work environment was safe and the risk of the virus spreading in our facilities was reduced as much as possible. This included implementing increased cleaning and lab hygiene plans, facilitating self-temperature checking and reporting via an internal e-temp app, introducing more stringent entry and access requirements, and requiring social distancing to ensure we are providing a safe work environment.

In China, we also upgraded our offices and facilities by installing contactless devices, such as automatic doors and faucets to reduce cross-contamination. We also installed physical barriers in meeting rooms and other areas to ensure proper social distancing.

We distributed kits to support our employees in staying safe during the COVID-19 pandemic. We provided Personal Protective Equipment (PPE) for onsite employees and employees working from home. In China, we provided health kits prepared to support employees coming back on site. These health kits included masks, disinfectant wipes, and wash-free hand sanitizers.

Additionally, we implemented a number of employee benefit programs and opportunities including additional paid leave for employees who are feeling unwell or who may be high risk, need to care for a family member or assist a child with school.

We also maintain a global Employee Assistance Program (EAP) that provides resources and assistance to employees and their families dealing with mental or emotional health issues, as well as everyday challenges associated with managing stress, work-life balance and locating quality care for their children or elderly parents and others. The program is provided at no cost to employees, their dependents or household members. Our employees also had access to mental health sessions, covering topics such as Mindfulness at Work and Emotion Management and Pressure Relief.

Due to this proactive approach, we are proud that the company had no COVID-19 cases in China. Results of an internal survey also show that employee satisfaction, morale and company pride have all increased over the course of the pandemic.
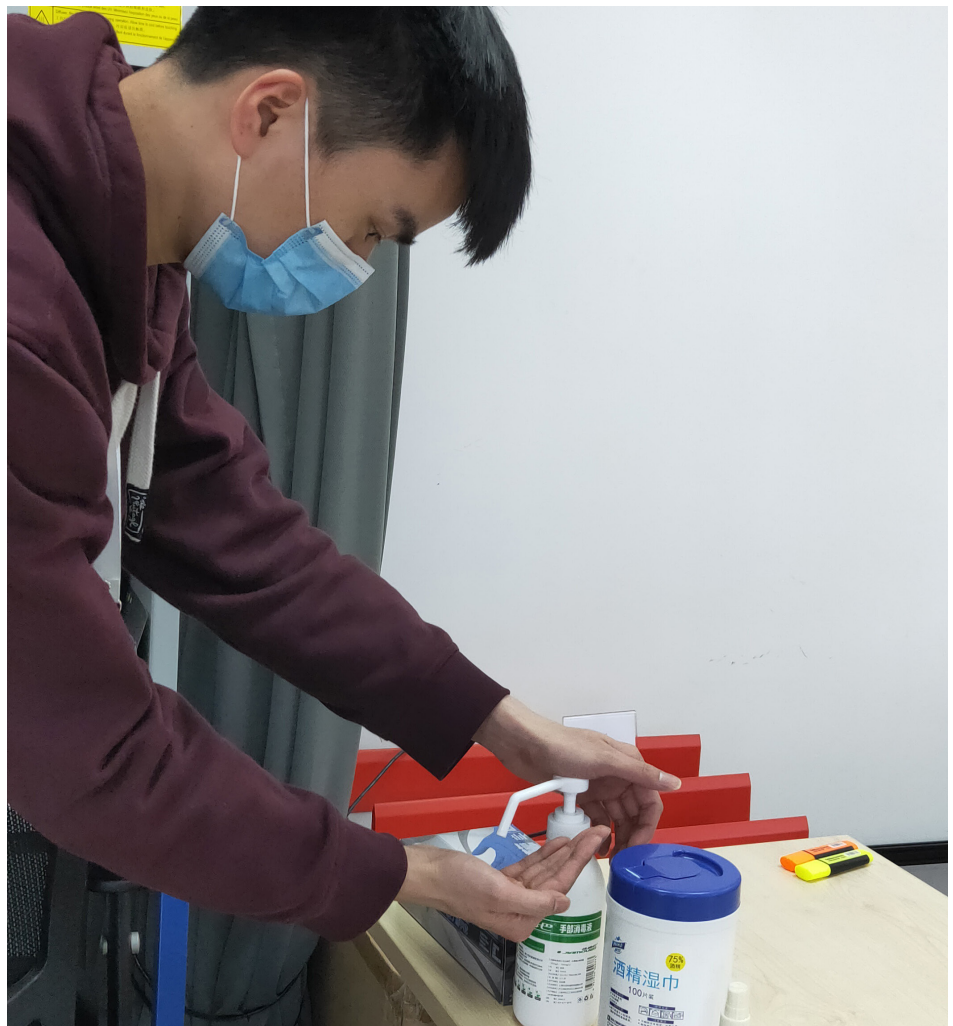
Supporting Communities throughout COVID-19

To support communities in China throughout this crisis, we donated to the following efforts, and we remain committed to providing monetary and in-kind donations as the crisis continues.

In February, Qualcomm donated RMB 7 million to the Chinese Red Cross Foundation for the purchase of 20 negative pressure ambulances suitable for safe transportation of patients with infectious diseases. On February 7, the first batch of 10 negative pressure ambulances donated by Qualcomm arrived at the Wuhan Medical Emergency Center and were immediately put into use. By early March, the rest of the purchased negative pressure ambulances also arrived at medical institutions of all levels in Hubei province.

Part of the donation was used to purchase 1,864 medical protective suits. The suits were delivered to Tongji Hospital, Tongji Medical College, at Huazhong University of Science and Technology on February 28 to help medical staff protect their own health effectively while fighting to save people's lives.

In support of the early emergency response in heavily impacted communities, our procurement team volunteered to help source masks from abroad, reaching out to suppliers in the UK, Thailand, India and the Netherlands to collect information on product offerings and prices. The information was then shared with local emergency response teams in Chongqing, Guangdong and Shanghai.

As classrooms moved online, many students and teachers, particularly those in under-resourced communities, began their distance learning journey lacking the tools, platforms, and connectivity to support their new learning processes. To help further access to education resources and online teaching, we donated 418 mobile electronic devices to Tongjiang City, Heilongjiang Province through the China Children and Teenagers' Fund. As access is an issue for both teachers and students, we also donated 150 laptops to support teachers in Tongjiang.

In recognition of these efforts, the China International Council for Promotion of the Multinational Corporations (CICPMC) featured Qualcomm in a book titled "MNC's actions in fighting COVID-19 together with China", dedicated to multinational companies that made significant contributions to China's Covid-19 response, in which Qualcomm's contribution was highly recognized. Qualcomm was also included in "China-U.S. Non-Governmental Cooperation in Response to COVID-19: Current Conditions, Challenges and Prospects," a report published by Center for China and Globalization (CCG), and in "Research Report on Enterprises' Efforts to Combat COVID-19 in China," issued by CSR Cloud research institute.

Delivering Critical Connectivity

Now, more than ever, we need to stay connected, especially as so many around the globe work to slow the spread of COVID-19 through social distancing. To help keep people connected to their communities, Qualcomm continues to focus on delivering critical wireless technologies like 5G.

2020 was a critical year for the construction of China's 5G network. We believe that despite COVID-19, the positive momentum of China's 5G development did not change. Qualcomm helped deliver on this by promoting the 5G commercialization process, especially in the areas of industrial internet, smart robots and mobile e-commerce.

We engaged in important technological cooperation with Chinese partners to leverage 5G's capabilities in public health management, including fighting the epidemic. 5G has helped empower China's emergency response by ensuring critical communications for emergency command, transportation hub operation, and hospital management. The technical characteristics of 5G, including high bandwidth, low latency, and large capacity, have enabled more opportunities for remote command, remote consultation, big data management, infrared thermometers, and other public health management areas.

One example is the GOSUNCN Robot, which was deployed in multiple cities across China to support public health management. The 5G epidemic prevention robot is equipped with a GM800 module, based on the Qualcomm Snapdragon X55 5G Modem-RF system. This enables the robot to perform quick and accurate temperature checks, scanning multiple people at a time, which increases efficiency and reduces the need for manual temperature checks. Through the 5G network, the robot can also transmit the collected temperature measurement data to a central database in real time, helping inform decision-making.

We remained committed to providing reliable connectivity solutions to maintain business continuity, especially in the critical areas of small business support, and remote education—all while protecting the safety of our employees and customers. Qualcomm also continued to invest in and support innovative Small and Medium-sized Enterprises (SMEs) in China through Qualcomm Ventures, its venture capital arm, especially those start-ups in the field of 5G applications and empowerment.

Our Corporate Responsibility
Priorities and Vision

Qualcomm for Good is our commitment to being a responsible corporate citizen. It's about integrating sustainability into every aspect of our business and using our breakthrough technology to make the world a better place.

The success of our business is fundamentally connected to the well-being of our people, the planet, and the world. As we push what's possible and relentlessly ask "What if?", we work to ensure that our innovations are helping shape a better future while also positioning our Company for sustained success.

The world is becoming increasingly connected. We have a tremendous opportunity to build on our legacy of sustainable innovation and use our breakthrough technology to tackle global challenges, inspire tomorrow's workforce and make a positive difference for decades to come.

Our Corporate Responsibility Governance

Who's responsible for Corporate Responsibility at Qualcomm? Everyone. We've integrated corporate responsibility throughout our Company, from our daily operations to our executive leadership and our Board of Directors (the "Board"). Our governance structure exists to facilitate accountability, transparency and the ongoing improvement of our programs.

Board of Directors Governance Committee
↕
Corporate Responsibility Leadership Committee
↕
Corporate Responsibility Governance Committee

The Governance Committee of the Board provides oversight on corporate responsibility matters, including environmental, social, and governance ("ESG") issues. Our Corporate Responsibility Leadership Committee reports at least annually on the Company's corporate responsibility and ESG policies, programs, initiatives and reporting to the Governance Committee of the Board.

Our Corporate Responsibility Leadership Committee is composed of executives and senior management from across the Company, including human resources, legal, government affairs, supply chain, ethics and compliance, investor relations, operations and finance. In fiscal year 2020, we added three new members to the Committee based on the development of our business and changing priorities. Our Leadership Committee provides guidance on global corporate responsibility issues that are most important to Qualcomm and our key stakeholders so that corporate responsibility remains a central and visible component of our business strategy.

Our Corporate Responsibility Governance Committee implements directives from the Leadership Committee into company-wide programs, measures progress on our goals, and reports accomplishments and challenges. This Committee includes managers and other subject-matter experts from across our Company such as investor relations, supply chain management, diversity and inclusion, STEM education, environmental sustainability, health and safety and legal, among others.

Our alignment with the

United Nations Sustainable Development Goals (SDGs)

Qualcomm's 2030 Vision is our roadmap to inform big-picture thinking on corporate responsibility issues that are most important to our Company, and will help us identify where we can collaborate with key stakeholders to create sustainability solutions.

Our 2030 Vision	
Develop transformative mobile technologies that are widely adopted in support of a sustainable world.	1 NO POVERTY · 4 QUALITY EDUCATION · 6 CLEAN WATER AND SANITATION · 8 DECENT WORK AND ECONOMIC GROWTH · 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE · 11 SUSTAINABLE CITIES AND COMMUNITIES
Employ a workforce that more closely reflects the demographics of the communities in which we do business.	5 GENDER EQUALITY · 10 REDUCED INEQUALITIES
Be recognized as a global leader in business conduct and ethics.	7 AFFORDABLE AND CLEAN ENERGY · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
Maintain adherence to our supplier code of conduct in our extended supply chain.	8 DECENT WORK AND ECONOMIC GROWTH · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION · 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
Ensure that respect for human rights is integrated into all key business decisions.	8 DECENT WORK AND ECONOMIC GROWTH · 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
Ensure sustainable and transparent management of our climate and water impacts across our value chain.	6 CLEAN WATER AND SANITATION · 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
Actively engage stakeholders in our corporate responsibility programs.	16 PEACE, JUSTICE AND STRONG INSTITUTIONS · 17 PARTNERSHIPS FOR THE GOALS

Our Priorities

Our corporate responsibility priorities include four areas where we believe we can make the greatest impact — Purposeful Innovation, STEM Education, Responsible Business and Our People.

Qualcomm for Good

Purposeful Innovation
We invent breakthrough technologies that enable life-changing products and experiences.

STEM Education
We inspire the next generation of innovators to develop the workforce in STEM-based careers.

Responsible Business
We uphold the highest level of integrity and privacy protection with responsibly designed products, respect for human rights, and managing environmental impact.

Our People
We promote equality to make Qualcomm an inspiring and inclusive workplace that advances the development of leading-edge technologies.

Our 2025 Goals

Enrich the lives of 27 million people by continuing to bring technology to underserved communities around the world through Qualcomm Wireless Reach™.

Ensure 100 percent of our primary semiconductor manufacturing suppliers are audited every 2 years for conformance to the Supplier Code of Conduct.

Reduce absolute Scope 1 and Scope 2 Greenhouse Gas (GHG) emissions by 30 percent from our global operations compared to a 2014 baseline

Continue to inspire the next generation of inventors by engaging 1.5 million students and teachers across the globe in our strategic STEM initiatives: our home-grown Qualcomm® Thinkabit Lab, our collaboration with *FIRST*™, and our STEM community partnerships.

Increase Representation of Women in Leadership* by 15 percent

Increase Underrepresented Minorities (URM**) Leadership representation by 15 percent.

Increase overall URM representation by 20 percent.

Reduce power consumption by 10 percent, every year***, in our flagship Qualcomm Snapdragon™ Mobile Platform products.

*   Leadership is defined as individuals at the Principal and above level in technical roles, and Director and above in non-technical roles.
** For technical positions, "URM" includes Black, Latinx, Native Hawaiian or other Pacific Islander, and American Indian or Native American. For non-technical positions, "URM" includes Black, Latinx, Native Hawaiian or other Pacific Islander, American Indian or Native American, and Asian.
*** Given equivalent features.

Key
Accomplishments

What follows is a summary of the progress we made during fiscal year 2020 on our corporate responsibility priorities as well as our key accomplishments toward achieving our 2030 Vision and 2020 goals.

Purposeful Innovation

We believe an idea can spark change, transforming the world in extraordinary new ways.

Our inventions are the foundation of so many of the incredible advancements that are part of our wireless world today—from smartphones to tablets, to cameras and cars, to homes. Our 5G breakthroughs are helping transform industries, like telemedicine and remote education, and driving efficiencies with always-connected mobile PCs, smart cities and smart factories. These innovations have profound effects — from the positive impacts for human and machine productivity, to maximizing performance while using less power, to ultimately transforming industries and enriching lives around the world.

Wireless Reach

Wireless Reach brings advanced wireless technologies to people and communities who need them most. These programs demonstrate pioneering uses of our Company's mobile innovations to help drive human and economic progress in underserved areas globally.

We're improving lives with sustainable programs that enhance the delivery of healthcare, enrich teaching and learning, foster entrepreneurship, aid in public safety and support environmental conservation.

Over the last 15 years, Wireless Reach and more than 90 stakeholder organizations in China have invested in 18 programs across the country, impacting over one million people. All programs are designed to help

Reporting on the successes of our 2020 Corporate Responsibility Goals

2020 Goal:

Have a comprehensive understanding of the impacts and opportunities arising from the application of our technology.

Successes:

- 5G mobile technology will benefit entire economies and societies. The global 5G value chain could generate up to $3.8 trillion in economic output by 2035 and support up to 22.8 million jobs.[6] This includes potential new innovations in telemedicine, remote education, smart factories, agriculture and autonomous vehicles.[7]

- Our contributions to technology standards drive future industries by enabling system interoperability while enabling product differentiation, creating new markets and expanding existing markets, allowing for better cost efficiency, reduced market risk and improved reliability for consumers, system vendors, and inventors.

- Our Wireless Reach programs have benefitted more than 20 million people in 48 countries on five continents through the application of our technologies across education, entrepreneurship, healthcare, public safety, and environmental sustainability.

Introducing our 2025 Corporate Responsibility Goals

2025 Goals:

Enrich the lives of 27 million people by continuing to bring technology to underserved communities around the world through Qualcomm Wireless Reach.

Reduce power consumption by 10 percent, every year[*8], in our flagship Snapdragon products.

achieve the social and economic priorities set by local communities and governments using cutting-edge mobile technologies in new and innovative ways. Ninety-six percent of our program beneficiaries live in rural areas.

The COVID-19 pandemic has impacted people's lives in ways that were previously unimaginable. Along with the hardships have come great opportunities for innovative, sustainable solutions that use advanced mobile technologies to address the new needs presented by the pandemic. Since its founding, Wireless Reach has been working closely with organizations to address some of society's biggest challenges head-on. Our approach during the COVID-19 crisis was no different. In fact, in many instances, we accelerated social innovation to new heights to ensure students continued receiving high-quality education, healthcare-related demands were met, and key poverty alleviation programs remained in place.

---

[6] The 5G Economy in a Post-COVID-19 Era. IHS Markit (2020) https://www.qualcomm.com/media/documents/files/the-5g-economy-in-a-post-covid-19-era-report.pdf.
[7] Five Industries the 5G revolution is set to disrupt. Axios and Qualcomm (2020) https://www.axios.com/sponsored/qualcomm/five-industries-5g-is-set-to-disrupt.
[8] *Given equivalent features.

Qualcomm 21st Century Classroom

The global COVID-19 pandemic forced schools around the globe to move online. However, many students lack broadband internet and the devices necessary to access their online schoolwork. The "digital divide" is nothing new, but the pandemic has demonstrated how a lack of access to devices and broadband poses an urgent threat.

Our Qualcomm 21st Century Classroom program was designed to address this issue, helping transform schools in under-resourced communities into cutting-edge learning environments.

Participating schools are equipped with broadband internet connectivity and smartboards, while teachers are provided with Snapdragon-enabled mobile tablets or laptops to access courseware, prepare classes, assign homework, prepare tests and track scores.

Established in 2015, the program supports the priorities of China's "Three Connections, Two Platforms" plan by helping increase teaching and learning capacity.

In December 2019, we initiated Phase III of the program in Tongjiang, Heilongjiang province. In this phase we partnered with the China Children and Teenagers' Fund to deploy 74 smartboards to Tongjiang No.2 and No.3 Middle Schools. This equipment provides a modern learning environment to 328 teachers and 3,685 students. In response to the increased need for remote education amid the COVID-19 pandemic, in March 2020, we donated 418 mobile devices to assist online learning and 150 laptops have been deployed to support teachers in the area.

To date, the Qualcomm 21st Century Classroom program has deployed advanced information and communications technologies (ICT) to improve digital education in selected schools in Sichuan, Jiangxi and Heilongjiang provinces, ultimately benefitting 1,400 teachers and 15,000 students ages 7 to 15.

Smart Agriculture

2020 was regarded as a crucial year for China's poverty alleviation efforts and its rural revitalization strategy.

The agricultural industry is central to China's efforts to alleviate poverty. As part of Qualcomm's ongoing support of China's poverty alleviation initiatives, Wireless Reach is collaborating with the China Foundation for Poverty Alleviation (CFPA) on a Smart Agriculture program. Announced in June 2020, this program is designed to enhance the management and operations of local agricultural cooperatives and drive industrial upgrading in four counties: Tongjiang City of Jiamusi City, Heilongjiang Province; Baoxing County of Ya'an City, Sichuan Province; Tiandong County of Baise City, Guangxi Province; and Honghe County of Hani and Yi Autonomous Prefecture, Yunnan Province.

Qualcomm and CFPA are developing a smart agricultural system by tapping the organizational capabilities of CFPA's industry-driven cooperatives and Qualcomm's knowledge of advanced wireless technologies. The collaboration is bringing traditional agricultural production practices into the era of the IoT.

The resulting system will enable production environment monitoring, intelligent equipment control and agricultural product tracing. At present, the system is being tailored to the unique needs of the selected demonstration areas as well as the quality control requirements of the specific type of agricultural production. The system monitors and analyzes the collected data to inform agricultural production and quality control decisions.

To empower farmers and improve industrial organization in underdeveloped counties, the program includes skills training in e-commerce operations, marketing and promotion, brand building and supply chain management.

As of March 2021, the system equipment was deployed and installed in two selected farms, including a mango farm in Tiandong, Guangxi province and a red rice farm in Honghe, Yunnan province.

In the first phase, the program is projected to reach 5,000 farmers in four underdeveloped counties, helping them to increase production volumes and achieve sustainable income growth. In the future, we plan to further expand the program.

Qualcomm
wireless reach

Over the last 14 years, Wireless Reach and our 90 stakeholder organizations in China have invested in 18 programs across the country, impacting over one million people.

China Center for mHealth Innovation

SMARTDiabetes

The George Institute for Global Health (China) and Qualcomm Wireless Reach teamed up to develop the SMARTDiabetes mobile health app. The app is the centerpiece of a mobile health management system that supports patients with Type 2 Diabetes to better track and manage their disease.

As of October 2020, more than 2,000 patients from Shijiazhuang, Hebei Province and doctors from 80 primary health facilities have participated in a large-scale trial to evaluate the effectiveness of this system. More than half of the patients in the intervention group with access to SMARTDiabetes actively engaged with the app and logged into the system at least once per month.

FoodSwitch

The George Institute for Global Health (China) and Qualcomm Wireless Reach partnered on localizing FoodSwitch, a mobile app that empowers consumers with access to information that allows them to instantly understand nutrition labels and make healthier choices when buying prepackaged foods. By simply scanning a barcode, the users have access to the app's growing database, containing information on over 100,000 prepackaged food items.

As of September 2020, the app has been downloaded 15,170 times and has facilitated over 923,745 label scans and 34,830 product comparisons.

What's next

Virtual Training on Risk Prevention and Control for Healthcare Workers

In fiscal year 2021, Qualcomm Wireless Reach will support the Chinese Red Cross Foundation to develop and provide virtual trainings to healthcare workers in Hubei. The training sessions will focus on risk prevention and control.

Wireless Reach will sponsor various activities, including the development of a training platform (project app and a WeChat mini program), as well as the design and production of training courses.

The pilot program will be implemented in Hubei province and aims to provide virtual trainings to approximately 7,500 Hubei healthcare workers.

Our People

At Qualcomm, as a company of inventors, we believe in the power of technology. We also believe that innovation leads to social change, and that with every exciting new invention comes the potential to transform the way we live, work and connect.

Our Company owes its success to the hard work and dedication of our employees. Our varied backgrounds, experiences, perspectives, and ideas help us increase our global awareness and are crucial to our ability to innovate.

We foster inclusive teams of diverse employees, educate and train all employees and leaders on the importance of driving diversity and reach out to varied communities to promote technology education. We also engage our global workforce through giving and outreach efforts to support and enrich the communities where we live and work.

Reporting on the successes of our 2020 Corporate Responsibility Goals

2020 Goal:

Our comprehensive programs for recruiting, retaining, and promoting an inclusive and diverse workforce will result in increased representation of women and underrepresented minorities (URM) across our workforce including technical and business leadership roles.

Successes:

- Company-wide female representation is up 17 percent and population of URMs in the U.S. is up 5 percent since Q1 FY19.

- For engineering, total female population is up 15 percent and population of URMs in the U.S. is up 12 percent since Q1 FY19.

- Reduced the voluntary attrition rates of both women and URMs below the Company average.

- The employee perception of Qualcomm as an inclusive workplace has increased by 10 percent since FY19, as indicated by our diversity survey results

Introducing our 2025 Corporate Responsibility Goals

2025 Goals:

Qualcomm will continue to focus on increasing diversity and inclusion within our workforce. We are committed to ensuring that every employee has an equal opportunity to become a leader. Our 2025 goals reaffirm that commitment.

- Increase Representation of Women in Leadership [*9] by 15 percent

- Increase Underrepresented Minorities (URM [**10] Leadership representation by 15 percent

- Increase overall URM representation by 20 percent

---

[9] *Leadership is defined as individuals at the Principal and above level in technical roles, and Director and above in non-technical roles.
[10] **For technical positions, "URM" includes Black, Latinx, Native Hawaiian or other Pacific Islander, and American Indian or Native American. For non-technical positions, "URM" includes Black, Latinx, Native Hawaiian or other Pacific Islander, American Indian or Native American, and Asian.

Inclusion and Diversity

Qualcomm has approximately 41,000 people represented by 109 nationalities working in more than 175 locations in 30 countries. Collectively, we speak 74 languages. We strive to be a community that reflects the world which we transform every day. That means working to ensure all our people have the chance to make their mark on innovation.

Improving management & recruitment practices

We are dedicated to sustaining a work environment where every employee feels welcome, inventive, and inspired through initiatives and programs that foster opportunity, professional growth, and community.

We are proud that our wide-ranging and far-reaching inclusion and diversity efforts have earned our Company prestigious external recognition. We've scored a perfect 100 on Disability:IN's Disability Equality Index each year since its inception. Forbes named Qualcomm one of the Best Employers for Diversity, and Avtar named us one of the 100 Best Companies for Women.

Diversity development

In alignment with our 2020 goal, our GID team established the Diversity Talent Development program and trained more than 7,500 employees on diversity, inclusion, racial equity, or leadership. The team also partnered with organizations such as LeadHership, Athena Academy, Hermanitas and The McKinsey Black Executive Leadership Accelerator to create development programs specifically for women and racial minorities.

To improve engagement with our female employees and enhance our ability to retain this talent, we launched a women's leadership development initiative across our global engineering organization. This initiative encourages managers to engage their female employees in development conversations, so they are better able to identify opportunities for stretch assignments, mentorship and other growth opportunities. Themes that emerge from these conversations are used to identify professional and technical development programs.

In coordination with our Talent & Engineering Development teams, we've already introduced a variety of career and technical development training opportunities that align with the development themes:

- BetterUp Career Coaching Cohort Program: Empowers and develops future women leaders in engineering with the support of a dedicated career coach.

- IEEE – Rutgers Business Development Program, Mini-MBA: Addresses gaps between engineering expertise and business acumen.

- Career Development Workshops and Events: Programs and offerings for all levels of women employees on topics such as presentation skills, mentorship and managing conflict, as well as offerings to help managers and leaders build their skills in key areas.

Promoting inclusion and diversity amongst employees

Qualcomm continued to expand its programs and activities promoting our inclusive and diverse culture among employees globally. GID's support extends to our eight strong and vibrant Employee Networks (ENs), which added eight chapters globally.

We increased global diversity awareness by hosting inclusion and diversity events all over the world. We also designated GID Regional Leads in global regions where we have a significant employee presence. These leads provide more support to the specific issues faced in the regions.

Employee Engagement, Training and Development

Our people are committed to inventing solutions to complex problems and making the world a better place. At Qualcomm, we care about our employees and demonstrate it by providing a strong foundation of support to help our people be successful. Engaging employees is critical for retaining valuable and committed talent. As such, giving employees a strong voice to, together, improve the culture and climate is key. We use a variety of channels to facilitate open engagement and direct communication across the Company.

One of the ways we work to help keep engagement high is through the organization of regular small-group breakfast meetings, lunch meetings and happy hours with leaders across the Company. These global sessions give employees and leaders a chance to engage in informal discussions about

the business and culture of Qualcomm. Employees ask questions, share information about the work they're doing and make suggestions. Companywide and business unit All Hands Meetings held quarterly give employees additional opportunities to ask questions of our executives. In the context of the pandemic, these meetings were held online.

We also track employee engagement and sentiment through listening posts, such as our Company's Climate Survey, quarterly Pulse Surveys, and global focus groups. Through different employee engagement activities, we can identify and implement global initiatives that improve our culture and contribute to making Qualcomm an inspiring and inclusive workplace. Based on the results of our 2019 Climate Survey, three of the workstreams we continued to focus on for 2020 centered around recognition, career progression and skills development. The work done in these areas – led at the executive level – is an important part of how we continue to evolve, focus, and improve our workplace.

Career Development and Progression Initiative

We're very excited about our new career development and progression initiative to empower employees with tools to design their unique career path. This initiative is focused on helping drive employees' understanding of the promotion process, exploring career growth opportunities, and ensuring that employees can find available training and resources to support their career growth and advancement. Through new offerings such as Manager Communication forums, QC News stories spotlighting employees who realized their career goals and an eLearning course on creating successful mentoring relationships, we made terrific progress in 2020. From the 2019 Climate Survey to the June 2020 Pulse Survey, career development scores increased 8 percent across the board.

Skills development

Our employee survey results show that employees are interested in having variety of tasks and more opportunities for cross-functional interactions within their projects. In response, a Skills Development

team came together to focus on increasing visibility, awareness, and opportunities to meet employees' ever-evolving development needs. We're very excited that through their efforts, skill development scores in 2020 increased 13 percent from the 2019 Climate Survey.

Highlights of this initiative include:

- Creation of a Qualcomm Development website to serve as a centralized hub for resources for development goal setting, professional and technical training, and job opportunities available internally.

- Updated all technical training content for our engineering population, ensuring up-to-date resources in the most critical technology areas.

At Qualcomm, we believe in giving every employee the opportunity to reach their career goals by providing opportunities, networks, and experiences. Our Company offers learning opportunities to enrich the employee experience. Our development programs enable employees with the resources they need to achieve their career goals, build technical expertise, shape management skills, lead the organization, and balance their work and non-work lives to the best of their ability.

Mentoring and coaching

In 2020, we launched a new mentoring framework focused on empowering employees globally to engage in mentoring relationships as part of their career journey. Having supportive partners is mutually beneficial. Whether it's a mentee getting guidance from another's experience or a mentor sharing their own learnings, a mentoring relationship can help to expand networks, grow new skills, and navigate challenging situations.

To support this new framework, we developed an interactive e-learning course and practice forums to build mentor and mentee capabilities. To date, more than 700 employees have taken our flagship Mentoring Matters training.

Because research shows that organizations with strong coaching cultures are more than twice as likely to be high-performing organizations, we've continued to focus on coaching as a way to develop managers and employees.

Recognition and ThankQ

Research shows that recognition can increase employee engagement by more than 40 percent. With a strong recognition culture, employees are more likely to endorse a company as a great place to work, more likely to stay with the company long-term and more likely to feel committed to their job, manager and the company mission.

After the Company's Climate Survey identified recognition as an area of opportunity, we launched the ThankQ platform. ThankQ is an online social recognition platform and app that makes it easy and fun for all employees to virtually recognize each other's great work, congratulate colleagues on their Qualcomm anniversaries and birthdays, and "like," comment on, and share recognitions. Individuals can receive points for being recognized, and the points can be redeemed for items of the employee's choosing.

Despite the challenges of launching ThankQ during the pandemic while the majority of employees were working remotely, in the tool's first five months of use, 92 percent of individual contributors and 98 percent of managers and above registered to use the program and gave nearly 81,000 recognitions.

After ThankQ launched, pulse survey data showed a 10 percent increase in agreement with the statement that Qualcomm is a company that promotes a culture of recognition. Frequent users of the platform also experienced a 6 percent boost in morale during the same period.

Employee Wellbeing

We believe that building connections between our employees, their families, and our communities creates an even more meaningful, fulfilling, fun, and productive workplace. Through our different programs, our people can pursue their interests and hobbies, connect to volunteering and giving opportunities, enjoy unique recreational experiences with family members, and communicate directly with our senior leadership. Our programs support our employees' lives inside and outside work and empower them to influence the morale, culture and practices of our Company.

We support employees to explore their passions. One example of this is our Company's global Qclub program which creates meaningful connections between employees by providing funding for groups of colleagues to pursue their shared hobbies and interests. Employees establish and run the clubs. In 2020, our Qclub program continued with a mixture of virtual and in-person events from our more than 300 registered clubs.

In China, our Qwomen charters in Beijing, Shanghai and Shenzhen got together virtually for various social activities and sessions. Qwomen China organized 18 events, including virtual events that were available to employees across all offices, with 2,800 participants overall. The activities included creative workshops such as visualization and storytelling, book club, self-improvement seminars and communication at the workplace lectures.

In 2020, the COVID-19 pandemic drove most of our onsite workforce to suddenly become remote employees. We quickly created an internal site and populated it with a wealth of digital resources and best practices to address the new needs and expectations of leaders and employees. Among the topics included were leading during the uncertainty of coronavirus, managing remote teams, coping with stress, and managing the challenges of working while caring for oneself, children, and others. A daily "Quarantine Tips for Qualcommers" email also shared short wellbeing and productivity tips for the first eight weeks, and our CEO, Steve Mollenkopf, recorded weekly video messages to check in with employees and boost morale.

STEM Education

Science, technology, engineering, and mathematics (STEM) is the foundation for everything we do. It supports the brainpower behind the breakthrough technologies and inventions we bring to life.

As technology leaders and a company of inventors, we are committed to providing future innovators with the skills and knowledge to solve global challenges. In the last five years, Qualcomm and the Qualcomm Foundation have given over $30 million to STEM programs globally, funded more than 160 STEM organizations, fostered interest in STEM in 41 countries, and inspired more than 700,000 students to join the next generation of inventors.

We invest in STEM initiatives that:

- Help bridge the STEM skills gap among students globally
- Build STEM capacity among teachers and educators
- Engage women and underrepresented minorities in STEM fields
- Leverage our employees as STEM ambassadors in our communities

Reporting on the successes of our 2020 Corporate Responsibility Goals

2020 Goal:

Enhance and expand the talent pipeline in the technology industry by engaging students and other key stakeholders in our scalable STEM education initiatives.

Successes:

- Qualcomm's continuing collaboration with the Shanghai Adream Charitable Foundation trains teachers and educators in China to implement STEM curriculum and activities in schools and community centers. By end of 2020, 187 schools and 10 community centers implemented "STEM & Maker" courses benefiting around 40,000 students aged from 10 to 15.

- Since its inception, our homegrown STEM Education Program, the Thinkabit Lab, has inspired over 78,000 students across the U.S. to become the next generation of inventors. Through collaborations with different organizations, we have a network of 16 Thinkabit Lab sites and 30 trained instructors at schools, universities, and libraries in five states nationwide. Even with COVID-19 in 2020, we expanded our summer program and reached 325 percent more students in part due to implementing our invention-based camps in a remote learning environment.

- Our strategic collaboration with *FIRST*™ has grown over the last five years to include program and regional support in eight countries, support of teams in underserved communities, support of *FIRST* Championship and tech integration of our Snapdragon processor in the *FIRST* Tech Challenge program. These efforts combined have reached over 500,000 students in the last five years.

- Qualcomm Aqriti™ program has made big strides in improving access and exposure to quality STEM education at hundreds of schools in India with a key focus on engaging young girls in STEM. Since its inception, Aqriti has impacted more than 56,000 children and more than 2,200 teachers across 278 schools in Hyderabad, Bangalore, Mumbai, and Chennai.

Introducing our 2025 Corporate Responsibility Goals

2025 Goal:

Continue to foster the next generation of innovators by inspiring 1.5 million students and teachers across the globe through our strategic STEM initiatives: our home-grown Thinkabit Lab, our collaboration with *FIRST* and our STEM community partnerships.

STEM Community Partnerships

With the continuous development of cutting-edge technologies such as 5G, innovative and talented people with STEM backgrounds are in high demand. China's Ministry of Education has also stressed in national plans the need to explore new educational models such as STEM and Maker education. Qualcomm's continuing collaboration with the Shanghai Adream Charitable Foundation trains teachers and educators in China to implement STEM curriculum and activities in schools and community centers.

In 2020, Adream Foundation organized trainings for 80 teachers and community workers.

At the end of 2020, 187 schools and 10 community centers have implemented "STEM & Maker" curriculum, benefiting around 40,000 students aged from 10 to 15.

Creating Opportunities for People with Disabilities Through STEM Education

The Shanghai Youren Foundation helps create opportunities for people with disabilities by providing skills training in STEM. Together with Xiaomi, we supported the Shanghai Youren Foundation to develop a highly specialized AI data tagging training program for people with disabilities that Xiaomi had engaged on a data tagging project. As a result, 41 program participants now have new and relevant technical job skills that will empower them for years to come.

University Research Collaboration

In fiscal year 2020, we continued supporting outstanding university research at several top universities in China. We sponsored more than 20 projects at Tsinghua University, Peking University, Shanghai Jiao Tong University and other universities across the country. These projects covered wireless 5G/6G communication, AI, multi-media, and robotics technologies.

What's next

In fiscal year 2021, Qualcomm will continue the cooperation with Shanghai Adream Charitable Foundation to make the "STEM & Maker" curriculum available in five community centers and four schools in Wuhan. In addition to the curriculum, the program will also provide training to STEM teachers and instructors.
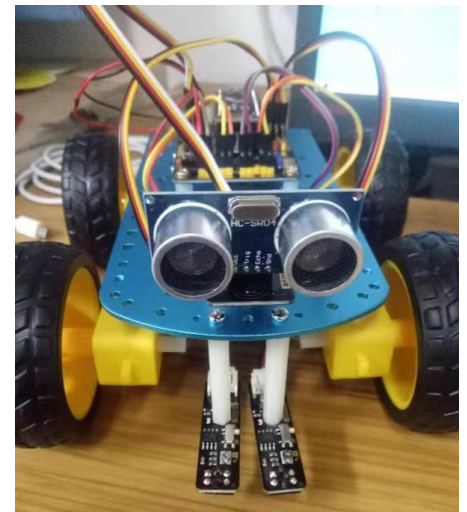
Responsible Business

We uphold the highest level of integrity, respect human rights, protect privacy, and sustain the environment.

We push the boundaries of what's possible in mobile technology. We never push the boundaries on ethics. We're committed to creating products in ways that do not harm the environment, while upholding human rights in our operations, supply chain, and communities. We work to protect privacy and secure data, which are critical for success in the wireless industry.

Addressing the Climate Crisis

In 2020, we saw a shift in the climate change conversation: the link between climate risk and a company's long-term success came to the forefront and the transition to a low-carbon economy became more important than ever.

While we have been committed to minimizing our impact on the planet for many years, we renewed our commitment in 2020 by voluntarily disclosing under the Task Force on Climate-related Financial Disclosures (TCFD) framework and Sustainability Accounting Standards Board (SASB) standards. These frameworks are standardizing data in a meaningful and actionable way.

Reporting on the successes of our 2020 Corporate Responsibility Goals

2020 Goals:

We will have a comprehensive understanding of the sustainability impacts in our supply chain, our human rights impacts and opportunities, and our carbon and water footprints across our value chain.

Our ethics and compliance standards will continue to be fully integrated into our global business operations where we have a controlling interest. Key stakeholders will have a thorough understanding of our programs and priorities.

Successes:

- Each year, we collect data from suppliers (top 90 percent of total product-related spend) on supply chain GHG emissions and water use attributable to Qualcomm.

- We conducted two Human Rights Impact Assessments (HRIA), one on a company-wide basis and one on a market-level basis, to identify and address salient human rights risks in our direct and indirect operations.

- We determined our carbon and water footprints across our global operations.

- Every two years we revise The Qualcomm Way: Our Code of Business Conduct (COBC), and 99 percent of employees completed a policy training and certification process accordingly.

- Each year, we provide information on our programs and priorities to stakeholders through our Corporate Responsibility Report.

Introducing our 2025 Corporate Responsibility Goals

2025 Goals:

Ensure 100 percent of primary semiconductor manufacturing suppliers are audited every two years for conformance to the Supplier Code of Conduct.

Reduce our absolute Scope 1 and 2 GHG emissions from our global operations by 30 percent, compared to a 2014 baseline.

We also conducted our first company-wide climate scenario analysis (CSA). Our qualitative evaluation included 1.5°C, 2°C and 4°C warming scenarios. Under the 4°C scenario, global warming reaches 4°C by 2100, relative to pre-industrial temperatures, and climate policy is less ambitious. In the 2°C scenario, global warming reaches 2°C above pre-industrial levels, and climate policy is more aggressive compared to the 4°C policy. In the 1.5°C scenario, global warming will be limited to rising well below 2°C above pre-industrial levels by the end of the century, and it is generally assumed that society acts rapidly to limit GHG emissions. We assessed a limited set of risks: price of carbon (transition risk), coastal flooding, high heat days, water stress, extreme cold days, average temperature, and air pollution (physical risks).

As we evaluated the impacts to our business under these three scenarios, we focused on the potential for increased operating costs and increased business interruption across our operations. We leveraged standardized, third-party climate modeling data, such as the Intergovernmental Panel on Climate Change (IPCC) Representative Concentration Pathways (RCPs), and applied internal data sources such as our global greenhouse gas emissions, water use, and facilities data.

Potential impacts:

- Water stress in India, China, Germany, Singapore, and the United States, where high-value operations are located, will pose an escalating risk of business interruption and increased operating costs, regardless of the future climate warming scenario.

- An increased number of high heat days in the United States, Singapore, and India will pose an escalating risk of business interruption and increased operating costs in both 4°C and 2°C CSAs, but will occur earlier and be greater in magnitude in the 4°C CSA.

- An increase in average temperatures in the United States and Germany will pose an escalating risk of business interruption and increased operating costs in both 4°C and 2°C CSAs, but will occur earlier and be greater in magnitude in the 4°C CSA.

- Coastal flooding and sea level rise threaten host cities in China, India, the United States, and the United Kingdom with an escalating risk of business interruption and increased operating costs, regardless of the future climate warming scenario.

- Workforce exposure to air pollution in the United States, China, and India will continue to pose a moderate risk of business interruption and increased operating costs, regardless of the future climate warming scenario.

- The risk of increased operating costs due to the price of carbon primarily occurs for facilities in Germany and China in the 4°C CSA and the 2°C CSA. This risk is greater in magnitude in the 1.5°C CSA for high emissions facilities in India, China, and the United States.

We are in the process of applying this analysis and are identifying potential strategic changes to address the plausible risks and opportunities identified in these scenarios. In addition to looking at long-term climate risks and opportunities, we're continually looking for ways to conserve water, minimize energy consumption, lower emissions, and reduce waste in the near term. As we design, build, and operate our facilities, we keep environmental performance top of mind. We look for opportunities to incorporate the highest levels of energy and water efficiency into all our new construction and tenant improvement projects. On our path to achieving our 2025 GHG reduction goal, we've reduced our Scope 1 and Scope 2 emissions by approximately 12 percent, and we achieved The Climate Registry's

(TCR) Climate Registered™ Gold status. Additionally, with the closure of our acquisition of RF360 Holdings Singapore Pte. Ltd. ("RF360"), we reviewed and revised our GHG reduction goal baseline. This re-baselining was conducted with a third-party to ensure that our GHG inventory adheres to The Climate Registry General Reporting Protocol. Our GHG reduction goal baseline year remains 2014, but now includes RF360 Scope 1 and Scope 2 emissions.

In China, we reduced our GHG emissions by approximately 1,700 tons of carbon dioxide equivalent (tCO2e) through reduction of more than approximately 2 million kilowatt hours electricity.

Moreover, Qualcomm's Wuxi facility upgraded the wastewater treatment plant to improve wastewater recycling efficiency, which greatly reduced the usage of portable water compared to previous years. Additionally, a water efficiency project in our Wuxi production facility completed in 2020 resulted in water savings of approximately 10,000 m3. We made technical improvements to extend the life of chemicals, reduce consumption, and lower associated volatile organic compounds (VOCs) emissions.

We carefully select and evaluate our waste disposal and recycling partners through an internal screening process which consists of a review of the vendor's facility and operating practices, as well as a review of their regulatory compliance history. We continuously monitor and keep track of our partners' performance by regular onsite visits. We continue to reduce our waste to landfill and impact to our environment through active recycling and zero waste campaigns. These programs helped Qualcomm to recycle around 5 tons of both lab and office E-waste. Additionally, our facility recycling program successfully reduced the disposal of general solid waste such as metal, cardboards and plastics into the environment and also reduced hazardous wastes through environmentally friendly treatments other than landfill disposal.

Our Wuxi facility has received various awards and recognitions from the local government. It was named the "2019 Advanced enterprise of the year" and won the "2019 Outstanding Enterprise Award" by CPC Working Committee of Hi-Tech District, Wuxi Xinwu District CPC Committee, Wuxi National Hi-Tech District Committee, and the Wuxi Xinwu District government.

Our Ongoing Commitment to Respect and Promote Human Rights

We have long been committed to respecting human rights throughout the Company's value chain and have articulated this commitment in The Qualcomm Way: Our Code of Business Conduct, our Supplier Code of Conduct, and our Human Rights Statement. We believe human rights are fundamental rights, freedoms, and standards of treatment to which all workers are entitled, including without limitation, women, temporary, migrant, student, contract, and direct employees.

In 2020, we also revised our Human Rights Statement to reiterate our commitment to promoting and respecting all

internationally recognized human rights and avoiding complicity in any human rights abuse throughout our Company, our operations, and our business relationships, including our subsidiaries, partners, customers, and supply chain.

Our values and approach to these issues continue to adhere to the articles enshrined in the Universal Declaration of Human Rights, the eight Core Labor Standards of the International Labour Organization (ILO), the United Nations (UN) Guiding Principles on Business and Human Rights and the UN Global Compact Principles. We are active members of the Responsible Business Alliance (RBA) and the UN Global Compact, which further augment our efforts.

Privacy and Security

We believe that a strong foundation of privacy and security is critical to the growth and success of the wireless industry; it supports user trust and the adoption of new and exciting mobile technologies. We are committed to processing personal data responsibly and making data more secure. Our approach to responsible privacy and data security practices are informed by the following guiding principles:

- Transparency in the collection, use, and sharing of personal information;

- Providing or enabling meaningful choices over the collection, use, and sharing of personal information;

- Providing or enabling value to data subjects when using their personal information;

- Safeguarding personal information from existing and emerging threats;

- Maintaining the accuracy, quality, and integrity of the data we collect; and,

- Responsible stewardship of personal information including limiting our collection, use, sharing, and retention of personal information.

We've made significant efforts to incorporate privacy and security measures across our Company, in our products and services, and within the broader mobile

industry. For example, we've designed and maintained information technology (IT) infrastructure and information security management systems using international standards and regularly obtain external audits of these systems. We also conduct vulnerability analysis, including third-party penetration tests which simulate hacker attacks. On the product side, our Secure Processor capability is certified to the Common Criteria (CC) Evaluation Assurance Level (EAL).

In 2020, we conducted mandatory cybersecurity training for all our employees worldwide and participated in a third-party assessment of our cybersecurity program. The assessment validated the measures we put into place to secure our intellectual property. We also performed cybersecurity and privacy assessments for several hundred of our vendors and key suppliers.

We engineer our security solutions for maximum protection. Our Qualcomm® Processor Security Technology[11] is the security foundation for billions of devices using Snapdragon processors. It is designed to provide a high level of security, robustness, and high performance while maintaining power efficiency. And our Qualcomm® Biometric Authentication Suite is designed to make more accurate and reliable authentication possible for the world's mobile devices. Our biometrics technologies offer higher levels of security and enhanced authentication experiences. They're leading the way toward a better digital life—one without passwords and PIN codes.

Sustainable Product Design

We are focused on creating products that have a positive impact on individuals, communities and the environment. As part of this effort, we are committed to integrating principles of sustainability and responsibility into our products and supply chain.

We're a Full Member of the Responsible Business Alliance (RBA) and require all our semiconductor manufacturing suppliers to adopt either the RBA Code of Conduct or a similar code. The RBA Code of Conduct, which serves as our Supplier Code of Conduct and The Qualcomm Way: Our Code of Business Conduct, have been cornerstones of our commitment to RBA and responsible supply chain management for many years.

Ethics and Governance

We believe that ethical governance is a core requirement of doing business, a competitive advantage, and the right thing to do. Ethical leadership inspires confidence in our Company's future and creates a safe, supportive work environment for our employees. Our Code of Business Conduct serves as a guideline and sets expectations for employee conduct that aligns with our Company values. Ethical conduct is a performance imperative for our employees. Our ethical, resilient, and collaborative Company culture encourages us to speak up when we see something that doesn't seem right. Transparency around incidents of misconduct and our Company's response to those incidents fosters an environment where employees can feel comfortable raising concerns. Our employees trust that if they voice a concern, their concern will be fully investigated and appropriately remediated.

In 2020, we joined the Society of Corporate Compliance and Ethics and organizations worldwide in the celebration of Corporate Compliance & Ethics Week. "I ♥ Compliance: Ethics & Compliance Awareness Week 2020," marked our third annual event to educate and raise awareness of compliance and ethics issues. The week featured a virtual celebration honoring the first-ever Champions in our Lead the Way program, which recognizes employees who exhibit upstanding and ethical behavior and serve as examples of our Company values in action. We also marked the one-year anniversary of The Open Door initiative, which is an internal website dedicated to sharing lessons learned from internal ethics investigations.

We want our employees to be aware of and educated on our Company's policies, procedures, and controls in order to protect the Company, employees, and other stakeholders from potential legal, regulatory, reputational, or disciplinary risks. To this end, we require our employees and temporary workers to complete a policy training and certification process every 12-24 months covering our Code of Business Conduct and our Global Foreign Corrupt Practices Act (FCPA) and Anti-Corruption Policy and program. In addition, 67 instructor-led training sessions on Qualcomm's Global FCPA and Anti-Corruption Compliance program were offered and attended by 3,265 employees in "high risk" business and assurance functions (Sales, Business Development, Marketing, Government Affairs, Ventures, Procurement, Legal, Finance, Accounting, Internal Audit) in 2020.

Connecting the
Future with 5G

Transformative Technology

Qualcomm invents foundational technologies that transform how the world connects, computes and communicates. We are the leading technology innovator developing breakthrough technologies such as 5G, Wi-Fi and AI. But that's just the beginning. We also design platforms, chipsets, software, tools and services that help original equipment manufacturers (OEMs) and developers bring those technologies into products and create experiences that change the way we live and work.

Leading the Way to 5G

Our Company has been at the forefront of wireless research and development for decades. In 2020, we continued to lead the development of the foundational 5G wireless technology and the means of using 5G to power the digital transformation of everything. 3G brought the internet to our phone. 4G started the smartphone era. Now 5G is igniting an era in which everything will be connected. The following are examples of how 5G is already changing industries and daily life:

- Private networks for factories and industrial facilities. This includes the 5G-enabled IoT with many devices, sensors, applications and mobile connectivity all aimed at improving product quality, increasing productivity, lowering costs and enhancing safety in industrial workplaces. This new connectivity will include factories and facilities away from cities where remoteness and physical complexity hamper wireless connections.

- Agriculture. 5G's promise of expanding and accelerating connectivity without sacrificing battery life will be particularly beneficial to farmers.

Already, 5G is improving veterinary diagnostics, crop protection, reduction of fertilizer use, and smart irrigation systems that conserve water. 5G is also expected to provide new solutions to the disparity between broadband Internet connections in cities and in rural areas.

- Sustainability. 5G is being deployed to make energy and water use more efficient. Cities are preparing to use 5G to monitor air and water quality in real time. Connected car technology is designed to minimize traffic jams and reduce emissions while improving safety.

- On-device AI. The combination of AI and 5G allows wearable medical devices and phones to work together in ways that are fast enough and smart enough to identify health problems detected by a wearable device and alert your doctor.

  Extended reality (XR). 5G technology is vastly increasing the video bandwidth for XR with powerful computing and minimal delays to close the gap between the real and virtual worlds. Education, healthcare, retail, tourism, and manufacturing are among the fields expected to benefit.

2019 was the beginning of a new era for mobile communications. China's leading telecom providers, China Telecom, China Mobile, and China Unicom jointly announced the launch of 5G commercial services and released corresponding 5G packages. We also saw some of the first commercial 5G smartphones hit the Chinese market.

By the beginning of 2020, mobile operators were already eyeing possible expansion of their 5G network footprint. Meanwhile, device manufacturers were pressing forward with their plans to roll out 5G enabled devices. To help accelerate 5G global commercialization at scale, we launched our first 5G mobile platform in the Snapdragon 6-series and we announced plans to expand our portfolio of 5G mobile platforms to the Snapdragon 4-series in early 2021. With this addition, Qualcomm Technologies' 5G mobile platform offerings will include the Snapdragon 8, 7, 6 and 4-series, driving the proliferation of 5G across multiple tiers to make the next generation of camera, artificial intelligence, and gaming experiences more broadly available.

In fiscal year 2020, we made significant progress with our partners in China, expanding 5G coverage, supporting the development of the 5G standalone (SA) network and bringing new 5G solutions to market.

5G Collaboration Highlights

2019

November

Showcasing 5G Devices and Capabilities in China

In November 2019, together with ZTE we completed the first 5G mobile phone millimeter-wave interoperability test in the country. This marked a key milestone in the validation of millimeter-wave technology and paved the way for further exploration of millimeter-wave commercial deployment strategies in China.

We also went to the China Mobile Global Partners Conference to showcase what 5G-enabled devices can do. From always-on 5G laptops to the latest 5G handsets, visitors could experience a range of devices powered by our solutions.

December

Driving a Fast 5G Evolution

Together with ZTE we achieved a landmark 5G-enabled Voice over New Radio call (VoNR). The ability to complete VoNR calls was an important step in the global mobile industry's evolution from non-standalone to standalone, as it allows operators to deliver high-quality voice service without having to rely on VoLTE (voice over LTE) or an LTE anchor.

"As a long-term partner of ZTE, Qualcomm Technologies is working with us to promote technical verification and commercialization in the 5G development process. ZTE has always maintained an industry-leading position in terms of SA networking solutions. This successful 5G VoNR call is an important step towards the commercial use of seamless native 5G voice experience, and will also strongly support the construction of 5G SA, so as to offer 5G to more service providers, enterprise users and consumers."

— Bai Yanmin, General Manager of RAN Products, ZTE.

2020

February

Powering the First Wave of 2020 5G Smartphones and PCs

Our Snapdragon 865 5G Mobile Platform scales 5G and leading 5th gen AI to power next-generation, premium devices with breakthrough features—from Gigapixel speed photography to desktop-level gaming features to staggering multi-gigabit 5G connectivity. In 2020, global original equipment manufacturers (OEMs) and brands including ASUS, Black Shark, Fujitsu Connected Technologies Limited, iQOO, Lenovo, Nubia, OPPO, realme, Redmi, Samsung Electronics Co., Ltd, Sharp Corporation, Sony, vivo, Xiaomi and ZTE all announced flagship devices powered by the Qualcomm Snapdragon 865 5G Mobile Platform.

With the anticipated launch of the first Snapdragon-powered Always On, Always Connected 5G PCs and the rapid expansion of 5G networks around the world, operators redefined mobile computing for consumers and businesses in retail locations and in enterprise pilots and deployments in 2020. In February 2020, we announced that leading mobile operators from around the world, including China's largest three operators, China Mobile, China Telecom and China Unicom would all support 5G PCs powered by Qualcomm Snapdragon Compute Platforms.

2020

April

Supporting China's 5G SA Network Development

In April, together with ZTE, we completed the industry's first 700 MHz VoNR call. As the golden frequency band, 700MHz has wide signal coverage, strong penetrating ability, and is suitable for large-scale continuous network coverage. It has unique advantages applicable across industries. For 5G development, the use of 700MHz networking can greatly reduce network construction and operating costs.

In April, we continued to broaden our collaboration in China by establishing a strategic collaboration with BOE Technology Group, a global leader in the semiconductor display industry. With BOE, we will work to develop innovative display products featuring Qualcomm® 3D Sonic[12] ultrasonic fingerprint sensors. This collaboration is expected to extend from mobile and associated 5G technologies to include XR and IoT.

May

Strengthening the 5G Ecosystem

In May, we joined China Telecom for the launch of a strategic collaboration action plan focused on promoting innovation within the 5G ecosystem. The "5G Terminal Commercialization Cooperation" is a significant initiative that will boost the number of 5G application scenarios, from smartphones to smart homes and smart industries.

July

ChinaJoy 2020

In July, we showcased our latest collaborations in digital entertainment at ChinaJoy. We worked with various industry partners to create a Qualcomm Snapdragon themed hall, which presented the ultimate gaming experiences powered by our leading technology. This included Qualcomm® Snapdragon Elite Gaming™,[13] which transforms mobile devices into powerful gaming machines that push beyond the traditional limits of mobiles. At the Snapdragon exhibition area, together with nearly 50 partners, we showed more than 60 live demonstrations supported by 5G and AI and other new generation mobile technologies, covering games and entertainment experiences supported by 5G smartphones, 5G PC, XR, IoT and other smart technologies.

August

The World's First 700 MHz Band 5G Data Call

In August, together with China Broadcasting Network (CBN) we successfully achieved the world's first large-bandwidth 2x30 MHz 5G data call demonstration in the 700MHz (Band n28) FDD spectrum band – an optimal frequency band to provide wide coverage, fast speeds, strong penetration, and service continuity. These are important aspects not only for traditional mobile services, but also for new vertical enterprise customers. The demonstration achieved download speeds of more than 300 Mbps and provides a foundation for further enhancing the spectral efficiency of the 700 MHz band and accelerating CBN's commercial 5G rollouts nationwide.

In addition, we worked together with Vivo, ZTE, Quectel, Fibocom and Gosuncn to launch the first batch of commercial 5G devices that support CBN's 700 MHz including smartphones, CPE and 5G modules, all powered by the flagship Snapdragon 865 5G Mobile Platform and/or the Snapdragon X55 5G Modem-RF System.

---

[12] Qualcomm 3D Sonic is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.
[13] Qualcomm Snapdragon Elite Gaming is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.

5G and AI

AI is poised to revolutionize our world and transform every aspect of daily life. At Qualcomm, we are working to make AI portable and accessible to the masses. We're striving to improve connectivity and performance and reduce energy and costs. Our process is built on a comprehensive approach to AI research and development that results in sustainable, comprehensive AI solutions.

With 5G networks and devices enabling massive data aggregation, the opportunities for AI are increasing across health, automotive, agriculture, manufacturing, smart cities, and many other new fields.

Qualcomm 1st AI Innovation Challenge

5G and AI are two of the most disruptive technologies the world has seen in decades. While each is individually revolutionizing industries and enabling new experiences, the combination of 5G and AI is going to be truly transformative. The intelligent wireless edge will not only enhance existing use cases but also enable new use cases and verticals. To boost innovation that combines these two technologies, we co-organized the first Qualcomm AI Innovation Challenge, together with CETZ, CSDN, Testin, OPPO, Extreme Vision, Thundersoft and Google TensorFlow Lite.

The competition received over 270 entries, of which nine were awarded in the final round. We also offered four educational webinars which were attended by 3,300 developers during the event.

5G and IoT

Effective implementation of both commercial and industrial IoT solutions requires a complete ecosystem, and Qualcomm is empowering customers and partners to transform their industries. In China we collaborate with partners across the ecosystem to make it easier for companies of all sizes to succeed in designing and commercializing innovative IoT solutions.

5G IoT Summit

In July 2020, we held the 5G IoT Summit,

an event convening China's key players in IoT for a discussion about the innovation opportunities and the future of the field. Leading operators, module makers, and IoT device and solution providers attended the event and jointly launched the "5G IoT Innovation Initiative" to promote the win-win development of IoT and related technologies.

2nd XR developer contest and Qualcomm XR Ecosystem Conference

On Sep. 5, 2020, we hosted the Qualcomm XR Ecosystem Conference in Nanchang, Jiangxi province. The conference brought together XR equipment manufacturers, operators, platform suppliers, content providers, local governments and other key players in the XR industry to discuss key industry development trends, the integration of mobile technologies such as XR and 5G, and future development opportunities in the XR industry.

At the event, we also held an award ceremony for the winners of the second XR developer contest. Co-organized with the Nanchang government, China Telecom, Pico, Shadow Creator, iQiyi and Unity, the contest attracted over 240 entries. Ultimately, 18 outstanding entries were awarded platinum, gold and silver prizes.

Wi-Fi 6 cooperation in China

Qualcomm Wi-Fi 6 solutions are helping support a technology transition that will impact nearly every kind of connected device—from smartphones to cars to the burgeoning IoT. Ranging in infrastructure application from our homes, to airports, campuses, and the enterprise, our Wi-Fi 6 solutions, spanning operation across all three spectrum bands, build on our world-class engineering capabilities to connect users and devices like never before, with game-changing advancements that

go beyond the standards to deliver the speed, low- latency, and coverage needed for immersive, high-performance user experiences.

In fiscal year 2020, we supported Chinese manufacturers to bring the benefits of Wi-Fi 6 connectivity to consumers. Our Qualcomm® Networking Pro 600 platform,[14] a Wi-Fi 6 solution designed to meet the growing demands of increasingly crowded and dense Wi-Fi environments, has been integrated into new Wi-Fi 6 routers released by our partners in China, including China Mobile and Xiaomi.

"At Qualcomm we believe that the development of 5G is inseparable from the cooperation throughout the industrial chain. By working closely with the upstream and downstream of the industry chain and supporting the developer ecosystem, we are delivering our broad products portfolio and technical expertise to all sectors of the industry. We are also helping our clients create highly competitive products and explore international markets through our expanding global network and channels. We are delighted to work with leading partners in China to jointly launch the "5G IoT Innovation Initiative" and work towards the future of the 5G IoT ecosystem."

— Sun Gang, Vice President of Product Marketing at Qualcomm

[14] Qualcomm Networking Pro 600 Platform is a product of Qualcomm Technologies, Inc. and/or its subsidiaries

Automotive

The automotive industry is transforming at an unprecedented rate. In 2020, we showcased how our Company is expanding beyond mobile to support the industry's transformation and to help consumers safely bring their digital lives into their vehicles.

We're very excited to have launched our first autonomous driving platform — Qualcomm® Snapdragon Ride™ Platform.[15] One of the automotive industry's most advanced, scalable and open autonomous driving solutions, Snapdragon Ride supports advanced driver assistance systems, including functions such as lane-keeping, traffic sign recognition and automated highway driving, as well as the development of full self-driving applications such as robo-taxis. Snapdragon Ride chips and technologies began shipping to carmakers, including our long-standing partner, General Motors, in late 2020.

We also launched our game-changing Qualcomm® Car-to-Cloud service. Qualcomm Car-to-Cloud is a suite of connected car services that will enable automakers to keep their vehicles current with over-the-air updates and enable them to continuously improve the user experience for their customers.

Building on our work to advance high-speed cellular networks under the Cellular Vehicle-to-Everything (C-V2X) technology, we rolled out our C-V2X reference platform for vehicular and roadside units. This is an incredible lifesaving technology that Qualcomm is very proud to be championing in the global automotive industry.

We also announced a new Automotive Wi-Fi 5 and Bluetooth combo chip that gives automakers high-performance dual Medium Access Control Wi-Fi 5 along with the latest generation of Bluetooth 5.1 capabilities. This launch completes our portfolio of scalable Wi-Fi and Bluetooth products to address the needs of every vehicle tier.

As we look forward, IHS Markit predicts the Transportations and Storage industry sector, of which automotive is a part, to generate $603 billion in 5G-enabled sales between now and 2035.

Latest collaborations in China

In October 2019, we joined a broad range of Chinese automotive industry companies to showcase commercial readiness of safe and reliable C-V2X direct communication technology, paving the way for China's commercial C-V2X rollouts in 2020. Together with over 30 leading Chinese automotive companies, we participated in China's most comprehensive interoperability tests of C-V2X across chipset solutions, vehicles and safety platforms demonstrating the technology's ability to prevent accidents such as vehicle collisions using C-V2X technology. The live interoperability and performance tests were held during the SAE China Congress Exhibition (SAECCE) event in Shanghai.

In September 2020, we announced a collaboration with Shanghai-based EV maker WM Motor to equip the company's upcoming car models with digital cockpits and 5G experience.

WM Motor will build a new WMConnect smart digital cockpit based on the Snapdragon Automotive 5G Platform and 3rd generation Qualcomm Snapdragon Automotive Cockpit Platforms, becoming the first domestic EV company to implement both 5G technology and in-vehicle Ethernet technology. This technology can significantly improve driving experience and vehicle safety, creating safe and intelligent connected cars.

What's next

Qualcomm Joins over 100 Leading Automotive and Technology Companies to Complete C-V2X Large-scale Capacity Test and Interoperability Demonstration in China

In October 2020, together with over 100 automotive and technology companies in China, we participated in China's 2020 C-V2X Cross-industry & Large-scale Pilot Plugfest, objectively testing and demonstrating performance and reliability of C-V2X in large-scale communication scenarios and exploring performance of this technology in conjunction with map and positioning technologies.

The C-V2X Large-scale Capacity Test validated the serviceability of C-V2X products and systems in deployments at scale – an important step to C-V2X commercialization.

Over 40 automakers, 40+ terminal manufacturers, 10+ chipset solution vendors, 20+ information security vendors, 5 map providers and 5 position vendors took part in this Cross-Industry Interoperability Demonstration and C-V2X Large-scale Capacity Test.

---

[15] Qualcomm Snapdragon Ride and Qualcomm Car-to-Cloud are products of Qualcomm Technologies, Inc. and/or its subsidiaries.

Sharing Industry Knowledge and Insights

Sharing Knowledge to Inform Industry and Policy Development

This fiscal year we continued to support research and thought leadership that help inform development in areas of importance to our partners in China.

China 5G Economy Study 2020

Commissioned by Qualcomm China and published by the China Center for International Economic Exchanges (CCIEE), China Economic Consulting Corporation and China Academy of Information and Communications Technology, the "China 5G Economy Study 2020," was released in December 2019. The study provides an in-depth analysis of the opportunities and challenges of 5G development in China and explores the roadmap to realize its economic value. The report highlights the use cases and application potential of 5G in vertical industries, identifying five 5G Pioneer Industries — mobile, entertainment, industrial IoT (IIoT), healthcare, and automotive. The report explores the transformative potential of 5G from five different angles: gain, growth, gamification, governance and globalization, and puts forward policy recommendations, calling for joint efforts to create and enable an innovation ecosystem for the 5G economy.

Report on China's Strategy for 5G Broadcasting and its Prospects

Jointly launched by China Center for International Economic Exchanges (CCIEE), China Economic Consulting Corporation (CECC) and China Broadcasting Corporation (CBC), the Report on China's Strategy for 5G Broadcasting and its Prospects provides an in-depth analysis of the significance of 5G broadcasting and the unique opportunities and challenges for its development in China. The research discusses the Chinese 5G broadcasting industry and puts forward policy recommendations and a roadmap for development. Qualcomm China experts participated in the study and supported the research team, along with experts from ecosystem partners, including ZTE, Tencent, Shadow Creator, and others.

Key Events

Qualcomm continued to participate in leading industry events, economic forums and policy forums in 2020 to share our latest technologies, communicate industry know-how and to engage in relevant dialogues and collaborations.

October 2019

World Internet Conference

The sixth World Internet Conference (WIC) was held in Wuzhen under the theme of "Building a community with a shared future in cyberspace". This topic was particularly appealing for Qualcomm because it encompasses the underlying philosophy of 5G.

At the event, Alex Rogers, Executive Vice President and President of Qualcomm Technology Licensing explained, "Building a community of shared future is the core of Qualcomm's business model. From connected cars to IIoT, from smart homes to smart cities, 5G will bring people together and build an interconnected, shared future, in which it is possible for everything and everyone to communicate and interact seamlessly."

November 2019

China International Import Expo

During the six-day China International Import Expo (CIIE), we took the opportunity to demonstrate the results of our cooperation with Chinese partners in 5G and AI. Since 2019 was the first year of 5G commercialization in China, the Qualcomm booth at CIIE focused on displaying commercial mobile phones released by Chinese mobile phone manufacturers powered by Qualcomm's 5G solutions. We showed 5G commercial smartphones including Lenovo, Nubia, OnePlus, OPPO, vivo, China Mobile and other brands.

September 2020

China International Fair for Trade in Services (CIFTIS)

At CIFTIS we focused on displaying cutting-edge technology applications, including 5G, AI and XR, to empower Chinese partners. Alex Rogers, Executive Vice President and President of Technology Licensing Business of Qualcomm, and Frank Meng, Chairman of Qualcomm

China, participated in relevant forums and delivered keynote speeches, sharing Qualcomm's views on the global digital economy and trade services in the 5G era.

At CIFTIS, the Qualcomm "5G Pioneer" Initiative won the "Demonstration Cases: Technology Innovation" award. The Initiative was jointly launched by Qualcomm and Chinese partners in 2018, with an aim to embrace the global opportunities brought by 5G, strengthen the cooperation within the industry and support Qualcomm's Chinese partners to explore 5G markets both domestically and globally. Through the "5G Pioneer" Initiative, Qualcomm provides more global support and services for Chinese smartphone companies. From technology and understanding of market needs, product design and execution, to testing in different markets, this complete process of support allows Qualcomm to help Chinese manufacturers launch new products simultaneously in many markets around the world. To date, a number of Chinese smartphone manufacturers have made outstanding strides in overseas markets.

Qualcomm's booth exhibited several 5G achievements reached in collaboration with Chinese partners and the "5G Pioneer" Initiative. In addition, a "coffee robot" powered by Qualcomm Robotics RB5 Platform amazed the visitors at the exhibition at the booth. Its delicate "latte art" skills are enabled by Qualcomm's 4G/5G connectivity technology and AI engine. The "coffee robot" was presented as an amusing daily life use case for the public to experience Qualcomm's technology innovation.
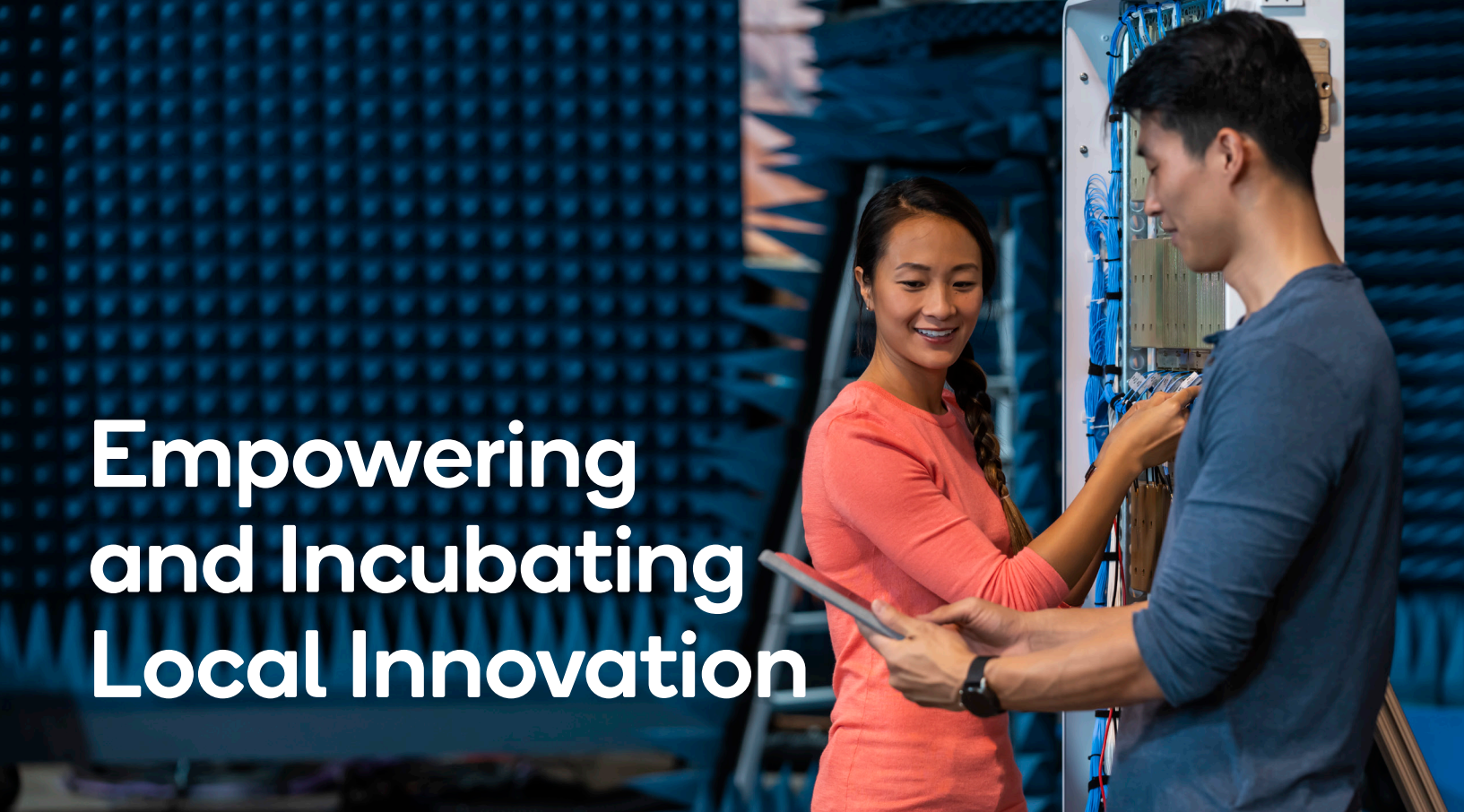
At the event, we also announced a strategic collaboration with China National Geography. Visitors to Qualcomm's booth could watch the Chinese National Geography team, for

the first time, capturing high-definition 8K videos of Chinese wildlife using a smartphone powered by the Snapdragon 865 5G mobile platform.

"China has significant influence in the development of the global 5G deployment and commercialization. At CIIE we hoped to interact with partners from various industries and fields regarding 5G-enabled intelligent interconnection. Working together with Chinese industry, Qualcomm hopes to leverage the trend toward the 'Internet of Everything' and in doing so, expand the 5G ecosystem by bringing in new players. We will continue to operate by our principles, openness and cooperation, and are looking forward to being inclusive towards new companies entering the 5G ecosystem. We will take this Expo as a new starting point and work together with the global industrial ecosystem, including partners in China, to jointly promote 5G development as an industry enabler and industrial partner."

— Frank Meng, Chairman of Qualcomm China

Empowering and Incubating Local Innovation

We are an invention company — our founding principle has been to invest and invent technologies that will advance the mobile industry. Qualcomm has established a number of initiatives to make this vision a reality. Whether it is through innovation centers or venture investment, we are collaborating across the mobile ecosystem to help build an innovative and technology-driven Chinese economy.

Enhancing Local R&D Capabilities

In our continued efforts to both utilize the growing pool of telecommunications engineering talent and enhance local R&D capabilities for the increasingly important wireless communications market in China, our local R&D center focuses on three key areas: wireless communication, machine learning, and robotics.

Wireless communication

Our wireless communication research team focuses on foundational research on frontier issues of wireless communication and is responsible for the development and standardization of wireless communication technologies including 4G LTE and 5G NR. In 2020, the research team actively promoted the development of 5G by conducting in-depth research on next-generation 5G communication technologies such as Massive MIMO, channel coding, mmWave, massive IoT and connected vehicle.

Machine learning

The machine learning research team at the Qualcomm China R&D center is focusing on context awareness research for the next-generation smartphones that are based on the Qualcomm Snapdragon intelligent processor platforms. In 2020, the team completed research on transportation mode recognition based on smartphone motion sensors and research on gesture recognition and vital sign recognition based on mmWave sensing. Some of this research has been commercialized with the latest smartphones based on Qualcomm Snapdragon processors, bringing a new generation of interaction methods to smartphone users and enhancing user experience.

Robotics

The robotics research team focuses on core algorithm research for indoor robot localization and mapping. In 2020, using Qualcomm's latest high-performance robotics platform, Qualcomm Robotics RB5 platform, the team has developed a VW-SLAM hybrid localization solution based on a single camera and a speedometer. The team also developed a unified framework of localization, mapping and auto exploration based on depth camera. These solutions are designed to provide high reliability and high precision for indoor service robot navigation.

Joint Innovation Centers

Qualcomm was built on the spirit of innovation. Since first introducing our technologies and products in China, we've collaborated across the Chinese mobile ecosystem, combining our leading industry capabilities with local talent and innovation to create an environment that drives progress and growth. In the past few years, Qualcomm has established joint innovation centers with local partners in Nanjing, Chongqing and Qingdao to promote innovation and development of augmented reality (AR), virtual reality (VR) and IoT.

In 2020, we continued these efforts and broadened our scope with two new joint innovation centers described below.

Honggutan – Qualcomm China – Shadow Creator Joint Innovation Center

In January 2020, we signed an agreement with Jiangxi Nanchang Honggutan district government and Shadow Creator to establish the Honggutan – Qualcomm China – Shadow Creator Joint Innovation Center. Launched in September 2020, the Center integrates our partners' expertise and promote R&D in XR and related fields. The innovation lab is equipped with advanced testing instruments and uses our world-class wireless technology to provide technical assessments, research and development guidance, and experimental testing to innovative companies. In addition to providing access to cutting-edge equipment and facilities, the innovation center hosts industry-related trainings and seminars.

"Qualcomm has always been an important strategic partner of Shadow Creator. The establishment of this joint innovation center will help promote the further development of the XR industrial ecosystem. Shadow Creator will continue to promote the cooperation with Qualcomm, actively invest in artificial intelligence, mixed reality, quantum computing and other industries, and use new technology as a new driving force to build an innovative economy, helping to bring the social and economic development of Jiangxi Province to a higher level."

— Sun Li, the Chairman of Shadow Creator

"The VR industry is expected to bring the next wave of opportunities in the information industry. Nanchang grasped the opportunity and not only launched the world's first urban VR industry plan, but also focused on the construction of "four centers" and "four platforms", so as to boost Jiangxi Province's economic growth. We are very excited about the cooperation with Qualcomm and Shadow Creator. In the future, the joint innovation center will, based on the development of the VR industry, further promote the technological innovations of "mass entrepreneurship and innovation" companies in Nanchang city, and help Nanchang seize the opportunities brought by the major scientific and technological revolution."

— Deng Yuefeng, member of the Working Committee of Nanchang Honggutan New District Administration Committee

Hangzhou Future Sci-Tech city - Qualcomm China – ThunderSoft Joint Innovation Center and Qualcomm AI Innovation Lab

In March 2020, together with Hangzhou Future Sci-Tech city and ThunderSoft, we signed an agreement to establish an Innovation Center to further support technology development in the fields of 5G, AI, and IoT. The innovation center was officially opened in December 2020. The labs promote technological innovation breakthroughs and rapid industrial development in 5G, AI and IoT, while also strengthening our cooperation with governments and industry partners at all levels.

Located in the China (Hangzhou) 5G Innovation Park, the facility is composed of Qualcomm AI Innovation Lab, a demo center, a 5G lab, and an incubator. The 5G advanced laboratory is equipped with 5G universal connection and radio frequency test equipment, focusing on 5G testing, analysis, and development. Eligible entrepreneurs in Hangzhou use the facilities to conduct experiments and system compatibility tests, and receive technical support.

"Companies are responsible for giving full play to the capabilities of 5G technology and accelerate its integrated applications and commercialization. 5G is an important strategic technology by ThunderSoft, and we have been continuously investing in research and development with a forward-looking prospective, constantly improving 5G terminal technologies, and strengthening the expansion in areas including 5G module, 5G RF adjustment, and 5G edge computing. As the main operating entity of the joint innovation center, ThunderSoft will use leading operating system and the 5G terminal technology, and leverage the industrial resources of Hangzhou Future Sci-Tech City as well as the leading 5G and AI technologies of Qualcomm, to provide technical and service support for companies of "mass entrepreneurship and innovation" and boost the innovation and application of the rapidly-growing 5G, AI and IoT technologies."

— Zhao Hongfei, Chairman of ThunderSoft

Qualcomm Ventures

Qualcomm has always been a pioneer, but truly great innovation is always a team effort. In the spirit of our never-ending pursuit of the next great idea we established Qualcomm Ventures, the company's venture capital arm, which actively seeks out promising entrepreneurs and start-ups to provide support to help them thrive.

Qualcomm Ventures is investing in technologies that will power the mobile innovation — 5G, AI, and things beyond the phone, like XR/multimedia, robotics/intelligent manufacturing and IoT/V2X. In fiscal year 2020, Qualcomm Ventures was delighted to invest in four new start-ups in China, providing them with both funding and technologies to help them succeed.

FY20 Qualcomm Ventures investments in China

Shanghai Huaqin Telecom Technology

Shanghai Huaqin Telecom Technology is a world-leading intelligent hardware Original Design Manufacturer (ODM) company. It focuses on providing R&D, design and manufacturing services for intelligent products which are then employed by global manufacturing and technology companies.

Shanghai Huaqin Telecom Technologies already has strong independent R&D and design capabilities as well as strong capabilities to integrate supply chain resources. Its hardware serves as an important data flow entry portal in the IoT era.

Shenzhen Tensortec

Shenzhen Tensortec builds intelligent driving assistant systems centered on AI algorithm platforms with DMS (Driver Monitor Systems). Shenzhen Tensortec's Enterprise team have over 8 years of experience at Huawei and have received support from prominent experts, including AI expert Professor Li Zexiang. Their products are valuable contributions in the advance towards autonomous vehicles and smart transportation.

Shenzhen Tensortec's products are already being used on land, sea, and air freight in over 20 Chinese provinces and 15 countries globally, making it a fast-emerging leader in the field of smart transportation.

Redtea Mobile

Through eSIM technology, Redtea Mobile seeks to solve the challenges presented by the large-scale roll out of massive cellular IoT in the 5G era by packing these complex technologies into simple-to-use, flexible and reliable connection services.

Redtea Mobile is committed to being the world's leading CaaS (Connectivity-as-a-Service) company by focusing on improving the cost efficiency of connection, reducing the difficulty of deployment, and enhancing the application of eSIM connection technology in the IoT and 5G fields. Redtea Mobile's users include mobile operators, device OEMS, and chipset and module manufacturers. Its services already reach over 250 million devices with global network resources covering over 100 countries and regions.

Dalong Tech

Dalong Tech is a leading cloud gaming company in China. As one of Tencent's 5G eco-system companies, it has developed impressive core technologies for both cloud computing and gaming, which allow users to play large-scale games across a range of devices. Dalong Tech is committed to creating a seamless experience for players, allowing them to "click and go" rather than needing to download and install software.

With the advent of 5G, Dalong Tech will provide an advanced gaming experience with higher frame rates and lower latency.

"Our story with Qualcomm traces back to 2017 when we exhibited our iSIM technology at Qualcomm's 4G/5G Summit. Since then, the relationship between our companies has grown and in 2020 we worked with Qualcomm, Deutsche Telekom, and Quectel to jointly develop iSIM solutions for IoT. Working with Qualcomm has exposed us to new applications for our technology across a range of fields.

We are proud that we could obtain strategic investment from a company as prestigious as Qualcomm and that we've continuously developed our strategic cooperation with them. We have learned a lot by working with Qualcomm and anticipate that, looking ahead, both parties will continue to enhance the application of eSIM connection technology in IoT and 5G and maintain our technological leadership in this sector."

— Dr Jin Hui, CEO of Redtea Mobile

"Dalong is proud to build high-quality cloud gaming platforms. Being a member of Qualcomm's ecosystem, Dalong is able to integrate its cloud gaming technology with 5G in order to promote the further development and popularization of cloud gaming together with the industry's upstream and downstream parties. With the promotion and application of 5G, Dalong Yun will increase resource investment, increase products and operating models innovation, and cooperate with more manufacturers to explore cloud-native games to create premium content for players."

— Ni Haisheng, Founder and CEO of Dalong Tech

The 12th QPrize China

QPrize China 2020 (The 12th QPrize China; a.k.a. Qualcomm Ventures – Sequoia China 5G Ecosystem Startup Competition) was successfully held on October 17 as a core session of Demo China 2020 Autumn Summit in Chengdu. There was plenty to celebrate as this year marked the 20th anniversary of Qualcomm Ventures and the 12th year Qualcomm has held a start-up competition in China.

This was the first time that the competition was held in Chengdu and it centered around the theme of "5G Ecosystem". The unique challenges of this year also inspired the competition's organizers to adapt and innovate, arranging both offline activities and online live broadcasts, which allowed more people to join the event and experience the cutting-edge trend of 5G ecosystem innovation and entrepreneurship.

This year, a total of 173 startup companies signed up for the competition. After multiple selection rounds, only ten progressed to the finals. In the final round, the teams presented their business plans and answered investors' questions. The judging panel was impressive, featuring 11 top investors from Qualcomm Ventures, Sequoia Capital, Qiming Venture Partners, China Mobile 5G Industry Fund, Northern Light Venture Capital, Oriza Seed, Zhencheng Capital, Xiaomi's Industry Fund, Lenovo Capital and Incubator Group, Samsung Venture Investment Corporation, and Mount Morning Capital.

After fierce competition during the roadshow segment, the Digital Twin service provider DataMesh, the intelligent robotic lawn mowers provider Shanghai Seven Bridges Robot, and the 5G industrial interconnection solutions provider YunZhi Ruantong won the top three prizes. The Pong-bot intelligent table tennis coach robot also received a letter of intent for investment given the clear market gap and development potential.

The champion DataMesh also won Demo God at 2020 DEMO CHINA national finals on October 18.

This year's finalists made full use of the possibilities 5G presents to explore application scenarios at multiple levels:

- Yunzhi Ruantong worked on 5G+ industrial internet in the manufacturing industry, developing 5G private networks, base stations, and terminal products.

- DataMesh fully utilized the characteristics of 5G, such as large bandwidth and low latency, to provide digital twin technology services.

- Ecordia focused on the simulation and testing of 5G AIoT industry scenarios.

- DreamWld Tech opened a new market area through its project on AI film and television production which aims to better support consumer demand for rich visual digital content in the 5G era.

At the event, Qualcomm Ventures also announced the top ten 2020 5G Ecosystem startups to watch – Dalong Yun, Baicells, Nreal, Xinyun Tech, Tage I-Driver, SmartMore, OnMicro, XinpleTek, ABUP, Sinoits Tech. Out of 40 companies, the judges selected these ten startups based on their technological advancement, business growth, industry influence and relevance to 5G.

"Qualcomm Ventures is proud of this competition - which seems to get better and better every year! It has won recognition from investors and entrepreneurs and embodies Qualcomm Ventures' commitment to promoting technological innovation and fostering an inclusive technology ecosystem. Qualcomm Ventures knows that long-term vision and persistence are required to deliver excellency and that's exactly what all the participants showed this year.

Looking forward, our 5G ecosystem investment strategy can be summarized into four major parts: the first is chips and core components, the second is modules and terminals, the third is network equipment and network operation services, and the fourth is the applications."

— James Shen, Vice President of Qualcomm and Managing Director of Qualcomm Ventures

About this Report

Since our founding in 1985, Qualcomm has been committed to bettering the societies where we live and work. We have been producing an annual corporate responsibility report since 2006.

Boundary and Scope

This is our sixth Corporate Responsibility Report focused on China. This report details the activities we conduct in China as they pertain to our global corporate responsibility priorities and our efforts contributing to the sustainable development of China's mobile ecosystem.

This report covers our 2020 fiscal year: September 30, 2019 to September 27, 2020. In some instances, data is collected and reported on a calendar rather than a fiscal year basis. Such exceptions, as well as any other exceptions to the reporting period, are noted within the report. Financial data is reported in U.S. dollars. The information and data in this report includes Qualcomm Incorporated and its consolidated subsidiaries, unless otherwise stated.

Additional information about corporate responsibility at Qualcomm is available at https://www.qualcomm.com/company/corporate-responsibility.

We welcome your comments and feedback at qsr@qualcomm.com.

Qualcomm

We welcome your comments and feedback at qsr@qualcomm.com.

Qualcomm China

6F, Tower C, Beijing Global Trade Center
No. 36 North Third Ring Road East
Dongcheng District, Beijing 100013

www.qualcomm.cn/company/sustainability