A Message from the Chairman

Building a Better, Greener, and Fully Connected World

In the 1960s, American marine biologist Rachel Carson’s book Silent Spring came as a cry in the wilderness, awakening a global environmental consciousness. In the 50 years since, environmental protection and sustainable development have become increasingly important principles guiding socioeconomic development.

Today, technological innovation has become an important driver of the global economy, and sustainable economic and social development relies on sustainable technological innovation. At Huawei, we prioritize environmental protection in all of our product planning, design, research and development, manufacturing, delivery, and operations and maintenance activities, providing our customers with leading products and solutions that are energy-efficient and environmentally friendly.

We believe that all technological innovations or inventions share the same mission: To make the world a better place. We also believe that the fully connected, intelligent world will also be a green one. We aim to minimize the environmental impact of ICT products through technological innovation and green designs. With our green products, we want to do our part to protect our blue skies, beautiful forests, and vast oceans.

According to Huawei’s Global Industry Vision (GIV), by 2025 carbon emissions per ICT connection will be reduced by 80% on average. ICT is becoming an important enabling technology for a greener world. ICT-enabled power savings and carbon emission reductions will far exceed the industry’s own, helping greatly conserve energy and reduce emissions worldwide.

5G is already here. Huawei takes environment protection into account in all its technologies, products, and solutions, and will continue to do more in the future. Huawei’s 5G Power solution supports solar power supplies and uses Huawei-developed high-efficiency solar modules. This helps maximize the use of sunlight, conserve energy, and protect the environment. We have also used high-integration chips, high-efficiency power amplifiers, and 5G-enabled power shutdown technology, cutting 5G equipment power consumption by 15%. In addition, Huawei has worked with carriers to develop 5G energy efficiency assessment standards, improve methodologies for defining and assessing 5G energy efficiency indicators, and drive continuous improvement of 5G energy efficiency.

In the green, fully connected world, we will step up investment to provide ubiquitous connectivity, pervasive intelligence, and truly context-sensitive, intelligent experiences. We will focus on using technology for social good. We operate in more than 170 countries and regions, serving more than 3 billion people worldwide, and we are working to provide more coverage and easier connectivity to bridge the global digital divide. We want to make the benefits of digital technology available to every
person, home, and organization. Therefore, we have launched a global digital inclusion initiative, TECH4ALL, to expand the scope of digital inclusion beyond connectivity to include applications and skills. We can't just think people, but also businesses. This initiative will help more people and organizations benefit from digital technology.

Trust is crucial to the digital world. Huawei is committed to building digital products and services that are secure and trustworthy. To this end, we continually enhance cyber security and user privacy protection from end to end, and ensure every ICT product and solution we develop is secure, trustworthy, and high-quality. At the end of 2018, we announced a transformation program in which we will invest two billion US dollars to improve our software engineering capabilities over the next five years. This will allow us to better address the challenges that our industry faces as a whole and become an innovative leader in cyber security. Thanks to our end-to-end security assurance system, our products and solutions have maintained a solid track record in cyber security.

Open collaboration is key to achieving sustainable development goals. We believe that collaboration leads to shared success, and that is why we proactively engage with all stakeholders including customers, governments, and industry organizations. Our aim is to jointly build a sustainable ecosystem that is more inclusive, flexible, and responsive.

Digital transformation is in full swing, and we find ourselves at the cusp of an intelligent world. We will keep investing and innovating in technology for strategic breakthroughs, and we will integrate sustainability requirements into our corporate strategy, our approach to transformation management, and our business processes. We believe that by working with other industry players, we can help achieve the UN’s sustainable development goals using ICT technologies. Together, we will bring digital to every person, home and organization for a fully connected, intelligent world.

Liang Hua
Chairman of the Board