

AmCham China | Social Impact Initiative

# SOCIAL IMPACT REPORT



2024



AmCham China | Social Impact Initiative

# 2024 Social Impact Report

SPONSORS





<b>Foreword</b> .....	<b>7</b>
<b>Overview</b> .....	<b>9</b>
Context .....	9
Summary of Case Studies .....	12
Social Impact Initiative: A Year in Review.....	13
<b>Selected Best Practices</b> .....	<b>19</b>
<b>Amazon</b> .....	<b>20</b>
Collaborating to Drive Sustainable Development in China ● .....	20
Join Hands to Support Rural Science and Technology Education ● .....	23
<b>AstraZeneca</b> .....	<b>26</b>
“Ambition Zero Carbon” in China, Accelerating the Green Development of Healthcare System ● .....	26
China Red Cross Foundation AstraZeneca Rural Revitalization Charity Fund ● .....	30
<b>USANA BabyCare</b> .....	<b>34</b>
USANA Charity Fund Building Dreams and Growing, Sowing Hope ● .....	34
<b>Chevron</b> .....	<b>40</b>
Improving Education and Training in the Communities Where We Operate ● .....	40
<b>DHL Group</b> .....	<b>44</b>
Plan for Logistics-Related Net Zero Greenhouse Gas Emissions ● .....	44
<b>EF Education First</b> .....	<b>48</b>
Hello Teacher Program: Unleashing the Power of English Teaching ● ....	48
<b>Google</b> .....	<b>52</b>
Ecological Protection of Typical Highland Grasslands in Hongyuan County ● .....	52
CodeUrDream-To Support Students in Rural Areas ● ● .....	54

<b>HPE</b> .....	<b>58</b>
Empowering Sustainable Development in China with Innovative Solutions and an as-a-Service	
Approach ●● .....	58
<b>Kenvue</b> .....	<b>63</b>
Western Tour of Health at Grassroots Level and Healthy Shaanxi Action: CSR Program of Allergic Rhinitis Prevention and Treatment ● ...	63
<b>Mastercard</b> .....	<b>66</b>
Empowering a Green and Low-Carbon Economy with Payments and Driving Shared Prosperity and Success ● .....	66
<b>McDonald' s China</b> .....	<b>69</b>
Accelerate “Green Growth Engine”, Fully Support Building a Beautiful China ● .....	69
<b>Merck</b> .....	<b>74</b>
Green Sustainable Development Solutions ● .....	74
<b>Micron</b> .....	<b>80</b>
Continuing Commitment to Corporate Citizenship and Our Sustainability Goals in China ●●● .....	80
<b>Nu Skin</b> .....	<b>88</b>
Sustainable Development Through Green, Energy-saving, Low-carbon and Recycling Manufacturing ● .....	88
The NU Future Education Plan ● .....	92
<b>PayPal</b> .....	<b>96</b>
Fostering Community Impact in China – Empowering Rural Children Development and Reducing Carbon Footprint ●● .....	96
<b>PepsiCo</b> .....	<b>101</b>
Contribution to Vitalize Rural Industry ● .....	101
<b>Pramerica</b> .....	<b>104</b>
Emerging Visionaries— Youth Power Shines in Public Welfare ● .....	104
<b>Prologis</b> .....	<b>107</b>
Driving Decarbonization and Sustainable Logistics Across Our Operation and Value Chain ● .....	107

<b>SLB</b> .....	<b>112</b>
Water Resources System Reconstruction Project ● .....	112
Yangtze River Protection – 10,000 trees Planted in the Name of SLB ● ● .....	113
SLB Accessible AI Lab Project in Beijing School for the Blind ● .....	114
<b>Starbucks</b> .....	<b>117</b>
“Shared Value” Social Impact Program for Coffee-Growing Regions in Yunnan: Shared Value, Beautiful Star Village ● .....	117
<b>Trane Technologies China</b> .....	<b>121</b>
STEM Education - Lighting Up a Sustainable Future for Rural Children ● .....	121
<b>United Family Healthcare</b> .....	<b>126</b>
United Foundation for China’s Health 2024 Social Impact Report ● .....	126



# Foreword

This year marks the fourth anniversary since the American Chamber of Commerce in China (AmCham China) launched its Social Impact Initiative (SII). At the beginning of 2020, the sudden outbreak of COVID-19 posed significant challenges to global public health. The importance of collaboration between the public and private sectors became increasingly evident in addressing this global crisis. In response, AmCham China launched the Social Impact Initiative in July 2020, aiming to create a multi-party collaboration platform among governments, Chinese and foreign enterprises, international organizations, and think tanks. Through organizing seminars and summits and publishing special reports, the SII seeks to unite various sectors, share best practices, and encourage member companies to better fulfill their social responsibilities and play a more active role in China's social and economic development.

In 2024, the Social Impact Initiative remains dedicated to its core principles: sharing, commitment, collaboration, and creating win-win outcomes. Focusing on the themes of green development, rural revitalization, and digital empowerment, we have organized seminars, workshops, site visits, and webinars in collaboration with the State-owned Assets Supervision and Administration Commission (SASAC), the China Center for Information Industry Development (CCID), the China Rural Technology Development Center (CRTDC), the China International Youth Exchange Center (CIYEC), and the China Foundation for Rural Development (CFRD). By creating diverse communication platforms, we have facilitated in-depth exchanges between our member companies and experts from the National Development and Reform Commission (NDRC), the Ministry of Industry and Information Technology (MIIT), the Ministry of Commerce (MOFCOM), the Ministry of Ecology and Environment (MEE), the Ministry of Agriculture and Rural Affairs (MARA), the Development Research Center of the State Council (DRC), as well as various think tanks and social organizations. These discussions have focused on topics such as corporate low-carbon transformation, digital empowerment of rural areas, and digital transformation, aiming to integrate and promote the sustainable development of Chinese society and economy through more proactive attitudes, advanced practices, and innovative cooperation methods. This report, as part of the Social Impact Initiative, collects and selects the most representative and innovative social impact cases from all member companies. It shares the positive social impact outcomes achieved by our member companies over the past year, showcasing how they leverage their unique strengths and advanced expertise to successfully implement sustainable development, low-carbon transformation, and



corporate social responsibility practices in China. At AmCham China, we are pleased to see that our member companies have proactively integrated social goals such as sustainable development and social responsibility into their operational strategies, using them as ways to address business risks, innovate business models, and expand business opportunities. They have fully demonstrated their leading roles in their respective industries.

As a non-profit, non-governmental organization representing about 800 member companies, AmCham China is dedicated to promoting sustainable business development through collaborations between the private sector and public institutions. By operating platforms such as the Social Impact Initiative and the Business Sustainability Committee, and hosting signature events like the Social Impact Summit and the Women's Summit, AmCham China actively leverages its resources and networks to facilitate extensive exchanges between member companies, government bodies, think tanks, and other relevant parties. This creates cooperation opportunities for their participation in global and Chinese low-carbon transformation goals and social progress. We hope this report continues to highlight the progress, trends, and challenges faced by our member companies in these areas and demonstrate their commitment to contributing to sustainable development globally and in China.

Lastly, we would like to extend our gratitude to the sponsor companies of the 2024 Social Impact Initiative—Amazon, Babycare, Dell Technologies, Google, Hewlett Packard Enterprise (HPE), Merck, and SLB. Your strong support has enabled the successful implementation of the fourth Social Impact Initiative series of activities. We also extend special thanks to all member companies and their employees who contributed to writing the case studies for this report. Your active participation and contributions have significantly enhanced the quality and comprehensiveness of this report.

We look forward to continuing to work together with all parties to contribute to the sustainable social and economic development of both China and the world.

# Overview

## Context

### *US-China Cooperation in Addressing Global Challenges*

Amid the numerous challenges faced by global sustainable development, cooperation between the US and China—the two largest economies in the world—has become increasingly crucial in tackling global challenges. Such collaboration not only provides essential momentum for global sustainable development but also presents new opportunities for the economic growth and social progress of both countries. It is within this context that AmCham China has spearheaded its Social Impact Initiative (SII) for four consecutive years, aiming to drive member companies to play a proactive role in addressing global challenges related to sustainable development. Through multifaceted cooperation, SII seeks to create new progress and generate breakthroughs in global sustainable development.

Climate change is currently one of the most consequential challenges to the sustainable development of the planet. As the world's two largest greenhouse gas emitters, the US and China have demonstrated a strong sense of responsibility and action in climate cooperation. For years, addressing climate change has been a key focus and priority in bilateral cooperation. In November 2023, the leaders of the US and China jointly issued the Sunnylands Declaration on Enhancing Cooperation to Address the Climate Crisis, which not only injected strong momentum into bilateral collaboration but also significantly advanced multilateral climate cooperation worldwide. The declaration emphasized the gradual replacement of fossil fuels with wind, solar, and other renewable energy sources to jointly address global warming. Moreover, it highlighted the importance of promoting collaboration among local governments, enterprises, think tanks, and other stakeholders, reflecting a multi-level, multidimensional, and diversified approach to tackling climate challenges. The US-China Subnational Cooperation has facilitated the sharing of experiences and coordinated of actions in low-carbon technologies, industries, and policies through investment, trade, joint research, and dialogue. This collaborative effort between the two countries has not only fostered technological innovation and reduced transition costs, providing a new and critical area for enhancing US-China economic and trade cooperation, but has also played an important role in advancing the low-carbon development process in both countries and globally.

Sustainable agricultural development is an essential component of global sustainability, and the US and China have shown significant potential for cooperation in this field. In January 2024, the seventh meeting of the US-China Joint Commission on Agricultural Cooperation

was held in Washington, DC, marking the resumption of a cooperative mechanism that had been suspended for nine years. During the meeting, the two sides engaged in in-depth discussions on topics such as climate-smart agriculture, food security, people-to-people exchanges, and trade facilitation, reaching several consensus points that lay the groundwork for further efforts to strengthen agricultural cooperation and support global agricultural sustainability.

Digital technology and the digital economy have become critical engines driving global economic development, injecting new momentum into the achievement of sustainable development goals and creating substantial opportunities for growth. However, the digital divide caused by relatively underdeveloped infrastructure and insufficient application capabilities has become increasingly evident. Bridging the digital divide, sharing the benefits of digitalization, and achieving inclusive growth in the digital economy remain global challenges.

Enterprises are key societal forces in addressing these global challenges and pursuing sustainable development goals. AmCham China member companies are leveraging their industry expertise and technological leadership to actively contribute to global sustainable development. Their efforts include supporting China in its pursuit of green, sustainable, and inclusive growth, thereby injecting green momentum into China's social and economic development.

At the same time, the current geopolitical environment and changing policies in various countries present uncertainties for enterprises engaged in US-China cooperation, posing challenges to their sustainable development plans. AmCham China member companies hope for a more stable and cooperative environment to promote deeper, more sustainable collaboration, ultimately contributing more to the achievement of global sustainable development goals.

### ***Member Companies' Commitment to Social Impact***

AmCham China member companies operating in China have long been dedicated to creating positive social impact. According to AmCham China's 2024 Business Climate Survey (BCS), as many as 80% of our 2024 BCS respondents say that they implement an Environmental, Social, and Governance (ESG) strategy—an important framework for committing to and realizing social impact—reflecting a strong business commitment to sustainability in China by a majority of our members. In practice, our members' ESG strategies target several key focus areas, which include Diversity, Equity, and Inclusion (DEI), governance and business ethics, community contributions, environment-related issues, and employee development. These commitments are further reflected in the content and outcomes of each of the case studies included in this year's SII report. AmCham China member companies are earnestly taking concrete actions to fulfill their commitments to social responsibility and sustainable development in the following aspects:

- ***Pursuing Net-Zero Goals:*** Setting net-zero goals and promoting a circular economy

and ecological protection are central tenets of AmCham China member companies in the realm of sustainable development. By establishing clear carbon reduction targets, member companies are integrating detailed objectives—such as energy conservation, emission reduction, and minimizing environmental impact—into various aspects of their production and operations, including product design, manufacturing, and logistics. They are committed to improving resource efficiency, reducing waste, and promoting recycling and reuse, efforts that not only minimize their internal carbon footprint but also extend best practices throughout the entire value chain. Moreover, member companies actively participate in social welfare projects, supporting the creation of net-zero and sustainable communities through activities such as tree planting and biodiversity conservation.

- **Applying Innovative Technologies and Solutions:** The application of advanced technologies and solutions to reduce carbon emissions is a core strategy for AmCham China member companies in achieving sustainable development. By introducing and applying globally leading green technologies, optimizing production processes, and enhancing energy efficiency, member companies are accelerating the green transition. For instance, they are adopting renewable energy, smart manufacturing technologies, and efficient logistics systems to reduce operating costs while significantly improving environmental performance, setting industry benchmarks for green development. Additionally, member companies support social welfare initiatives and create broader positive social impact through technological innovation, and have done so by developing clean energy solutions, improving community infrastructure, and enhancing education and healthcare services.
- **Promoting Sustainable and Humane Management Models:** AmCham China member companies build positive social impact by delivering sustainable solutions to customers and promoting sustainable and humane management principles throughout society via supply chain management. This approach not only focuses on environmental protection but also emphasizes social responsibility and employee welfare. Member companies collaborate with suppliers and customers to actively drive the green and sustainable transformation of the entire supply chain, ensuring that every link in the chain adheres to sustainable development standards. Additionally, member companies prioritize employee career development and the creation of positive work environments, enhancing employee well-being and sense of belonging through measures such as training, improved working conditions, and health benefits. This management model not only boosts the market competitiveness of enterprises but also strengthens their social responsibility and credibility.

Through the aforementioned practices, AmCham China member companies have accumulated rich experiences in sustainable development, achieving significant results and contributing to the advancement of global and Chinese green sustainable development and social progress goals.

## Summary of Case Studies

AmCham China launched the Social Impact Initiative in 2020. Since its inception, AmCham China has annually called for best practice cases from all member companies, providing a platform to showcase innovative, sustainable, and scalable social impact projects. This year's report features over twenty best practice cases focused on three major themes: green development, rural revitalization, and digital empowerment. Since many cases involve multiple sectors, fields, and goals, this year's collection will include theme tags on each case to clearly highlight the variety and scope of the efforts.

From the cases, we have identified the following characteristics and trends:

- **Green Development Driven by Technological Innovation:** Member companies are introducing advanced technologies, concepts, and models into China, promoting green supply chains, and advancing the research and application of green technologies and clean energy. They are innovating to reduce carbon emissions and resource consumption in production and operations by implementing sustainable packaging, green certification, waste management, and circular economy measures. These efforts enhance the sustainable development capabilities across entire industry supply chains, contribute to global climate change mitigation, and support China's "dual carbon" goals. Examples include DHL's net-zero greenhouse gas emissions plan focusing on carbon-neutrality for newly constructed facilities, HPE's initiatives to improve IT efficiency and reduce carbon emissions, Micron's efforts to reduce greenhouse gas emissions and conserve energy, McDonald's China's construction of green zero-carbon restaurants and green supply chains, AstraZeneca's sustainable market initiative and development of a green supply chain, SLB's tree planting project along the Yangtze River to address water resource shortages in remote villages, and Mastercard's issuance of 60 million bank cards made from certified environmentally friendly materials.
- **People-Centered Rural Revitalization:** Rural revitalization offers opportunities to enhance the inclusivity of China's development. Talent cultivation and capacity building are crucial for achieving rural revitalization. AmCham China member companies are actively involved in public welfare projects related to rural health, education, and vocational training, empowering and energizing rural revitalization. By promoting rural industrial development, improving rural healthcare, enhancing the quality of rural education, and fostering rural digital development, member companies bring their advanced industry expertise to rural areas, improving farmers' health, quality of life, and education, and strengthening rural infrastructure. Examples include Amazon's technological empowerment of rural teachers, Google's coding courses supporting the growth of rural children, Babycare's programs to improve rural health through the "A Meal for Love" and "Rural Angels" projects, Starbucks' Yunnan coffee industry support project, and Trane Technologies' STEM education programs that promote rural education and help rural areas achieve the goal of common prosperity.

- **Digitalization Empowering Economic and Social Development:** Using innovative technologies and models, AmCham China member companies are able to digitally empower communities and eliminate digital divides between regions, urban and rural areas, enterprises, and social groups, while also promoting the inclusive distribution of digital dividends. Member companies engage extensively with both official and non-governmental professional organizations, raising public awareness and advancing social welfare through charitable funds, community donations, support for clean energy, and natural resource protection. Examples include Google's development of smart apps to support the Ministry of Education's industry-university cooperation program and Prudential's "Green Eye" website, which monitors sustainable data to raise public awareness.

## Social Impact Initiative: A Year in Review

In 2024, AmCham China's Social Impact Initiative organized a series of significant events aimed at promoting further cooperation between member companies and relevant Chinese institutions in the key areas of green development, digital transformation, and rural revitalization. These events not only addressed important topics of interest to both China and the US but also resulted in collaborative outcomes, providing valuable guidance for the direction of future projects.



On January 19, the AmCham China and the China International Youth Exchange Center jointly hosted the US-China Green Development Cooperation Seminar in Beijing. Over 40 representatives from US and Chinese companies attended the meeting to discuss "Promoting Green Development and Advancing Global Governance." Business leaders from

both countries engaged in in-depth exchanges on commercial opportunities in green industries, clean energy, and the low-carbon economy. Experts at the meeting provided detailed updates on the latest developments in US-China climate change cooperation, explored paths for corporate collaboration in green and low-carbon sectors, and emphasized the importance and urgency of green development.

During the seminar, Michael Hart, President of the American Chamber of Commerce in China, stated in his opening remarks that there is ample room for cooperation between US and Chinese enterprises in trade and green development. He expressed hope that member companies would work together with Chinese institutions and enterprises to find innovative solutions for green development. Chen Zhihua, Deputy Director of the National Center for Climate Change Strategy and International Cooperation, introduced the latest progress in US-China climate change collaboration, highlighting the rich opportunities for cooperation between the two countries in areas such as energy transition, methane reduction, circular economy, and low-carbon development and calling on business leaders to actively contribute to such efforts. Representatives from the Environmental Resources Department of the National Development and Reform Commission (NDRC) provided an overview of China's achievements and policy framework in advancing its "dual carbon" goals, shared progress under the framework of the US-China "Sunnylands Statement," and expressed hopes for strengthening exchanges and cooperation between enterprises in the green and low-carbon sectors to share the benefits of green development and jointly address climate change.



On April 25, the American Chamber of Commerce in China hosted the "Rural E-commerce and China's Rural Industry Upgrade" seminar. Over 20 representatives from US and Chinese companies, government agencies, foundations, and social enterprises attended the meeting to discuss "E-commerce Empowering Rural Industry Development." They shared

successful cases of technology innovation and e-commerce in rural development and explored prospects for further cooperation. The seminar emphasized the critical role of rural revitalization in promoting social equity and economic development, as well as the importance of e-commerce and technology in achieving these goals.

At the seminar, Zhang Hui, Deputy Director of the China Rural Technology Development Center, shared the potential of technological innovation in rural industry development and emphasized the importance of digital e-commerce. He introduced government-supported rural digital development projects, including key technology research, quality control of specialty agricultural products, and the construction of smart supply chains. Zhang discussed the role of digitalization in driving industrial chains, supply chains, and brand development, highlighting the importance of brand building in enhancing product recognition and market competitiveness. Xue Yongbin, Executive Chairman of the Expert Committee of the China E-commerce Rural Revitalization Alliance, discussed the challenges facing the rural economy and the importance of rural revitalization. He introduced the significant achievements and new direction of the "Digital Commerce Revitalizing Agriculture" project, focusing on topics such as social investment, the development of live-streaming e-commerce, and the emergence of new rural entrepreneurs. He outlined the Alliance's work in quality certification, production-marketing alignment, and support for unsold agricultural products, pledging continued efforts to advance "Digital Commerce Revitalizing Agriculture." Ding Yadong, Deputy Secretary-General of the China Foundation for Poverty Alleviation, shared the Foundation's experience in rural industry development, focusing on addressing weaknesses in rural areas through e-commerce and talent development projects, and emphasized the importance of organic agriculture and high-value-added products. Wang Xingzui, Chairman of the Rural Development Promotion Center, discussed rural social services projects, highlighting the challenges faced by small-scale farmers and the operational model of Zhonghe Rural Credit, which promotes the development of agricultural e-commerce platforms by providing microcredit, insurance, and agricultural production services, and called for collective efforts to promote rural revitalization and the development of the smallholder economy.

On June 13, the American Chamber of Commerce in China and the China Center for Information Industry Development (CCID) jointly hosted the "2023-2024 Social Impact Initiative – Roundtable with Foreign Enterprises and CCID" to discuss four topics: "New Industrialization", "Digital Transformation of SMEs",





"Industrial Decarbonization", and "Digital Transformation of Manufacturing". Twelve experts, including Zhang Xiaoyan, Vice President of CCID, Pan Fei, Director of the International Cooperation Research Center, and Long Fei, Director of the SME Research Institute attended the meeting. AmCham China was represented by Claire Ma, Vice President of AmCham China, along with representatives from more than ten member companies.

Zhang Xiaoyan, Vice President of CCID, introduced their research achievements. She expressed the intention to strengthen cooperation with AmCham China and foreign enterprises for joint research and project collaboration purposes. Claire Ma, Vice President of AmCham China, reinforced the Chamber's close partnership with CCID, highlighting the June 2023 digital transformation seminar as one example, and expressed anticipation for continued collaboration with the center to promote the development of member companies in China. Li Yiming, Deputy Director of the New Industrialization Research Institute, introduced the characteristics of new industrialization, including high-end, intelligent, and green development, and emphasized the importance of supply chain security and digital empowerment, while also expressing a desire to deepen cooperation with AmCham China. Long Fei, Director of the SME Research Institute, shared the challenges and solutions for the digital transformation of SMEs, emphasizing the importance of government policies and collaboration with service providers. Zhao Weidong, Director of the Energy Conservation and Environmental Protection Research Institute, discussed industrial decarbonization and advocated for the green transformation of energy-intensive industries and the development of strategic new industries. Jia Lijun, Deputy Director of the Informatization and Software Industry Research Institute, emphasized the transformative impact of digital technology on manufacturing and introduced national and local policy support in order to promote the digital transformation of manufacturing through cooperation.

On June 17, AmCham China jointly hosted the 2023-2024 Social Impact Initiative – Symposium on US-China Corporate Low-Carbon Practices with SASAC and China Huaneng Group Clean Energy Research Institute to discuss the development status and cooperation prospects in the field of carbon capture, utilization, and storage (CCUS).



The event was attended by Xu Aibo, Level I Bureau Rank Official of Bureau of International Cooperation of the SASAC; Lv Kun, Director of the Bureau of Social Responsibility of SASAC; Deng Weiqiong, Director of the Bureau of International

Cooperation of SASAC; Qian Hui, Director of the International Business Department of Huaneng Group; Xu Shisen, Director of the Science and Technology Innovation Department Huaneng Group; and Xiao Ping, President of China Huaneng Group Clean Energy Research Institute. Vice President of AmCham China Claire Ma led representatives from over 20 member companies to participate and share their practices, achievements, and outlooks in the field of low carbon development.

Before the seminar, AmCham China member companies toured the CCUS and energy storage laboratories at the Huaneng Clean Energy Research Institute and received related briefings. During the seminar, Qian Hui, Director of the International Business Department at Huaneng, introduced Huaneng Clean Energy Research Institute's research achievements, its breakthroughs in new energy and green technology, and its collaborative efforts with international partners, including those from the United States. Lv Kun, Director of the Bureau of Social Responsibility at SASAC, noted that SASAC actively promotes the green and low-carbon transformation of central enterprises, emphasizing the establishment of green and low-carbon transformation mechanisms as well as the development of new energy and new materials as strategic emerging industries. Xu Shisen, Director of the Science and Technology Department at Huaneng, shared Huaneng's innovative achievements in thermal power, environmental protection, and CCUS. Xiao Ping, President of the Huaneng Clean Energy Research Institute, introduced the Institute's research and international cooperation achievements in clean energy, particularly breakthroughs in carbon capture and utilization technologies. AmCham China member company representatives shared their practices and explorations in CCUS and green low-carbon transformation. During the exchange session, all parties discussed the policies and practices of green and low-carbon transformation, reaching a consensus on continuing cooperation and jointly promoting global sustainable development.



AmCham China's annual Social Impact Summit was successfully held on August 27.



AmCham China | Social Impact Initiative  
2024 SOCIAL IMPACT REPORT

---

# Selected Best Practices



Cases are sorted alphabetically by company name from A to Z.



# Amazon

## Collaborating to Drive Sustainable Development in China | ●

### Theme: Green Development

Amazon is continuously collaborating, and investing in solutions to decarbonize its operations, including leveraging its size and scale to drive demand forward for new technologies. We've made progress in renewable energy, have innovated to create a more sustainable shopping experience for customers, have worked to reduce our packaging, and have launched the Amazon Sustainability Exchange, among other areas.



### Growing the Climate Pledge

Climate change is an urgent issue facing our planet. To address this and the issues facing businesses and communities across China, we all need to act together. Two-thirds of businesses in China view collaboration as critical to overcoming the challenges they face in achieving net-zero carbon, according to a 2022 study conducted by Forrester Consulting on

behalf of Amazon and The Climate Pledge. Amazon understood that collaboration across companies, sectors, and around the world was needed in order to see meaningful change in the fight against climate change. This was why, in 2019, Amazon and Global Optimism co-founded The Climate Pledge, a commitment to reach net-zero carbon by 2040 — 10 years ahead of the Paris Agreement. The Pledge now has more than 500 businesses and organizations across 58 industries in 45 countries and regions around the world.

## Scaling Carbon-free Energy Through Investments in Wind and Solar

In 2019, Amazon set a goal to match 100% of the electricity consumed across its global operations—including our data centers, corporate buildings, grocery stores and fulfillment centers—with 100% renewable energy by 2030. In 2023, we met this goal, seven years ahead of schedule, thanks to more than 500 solar and wind projects globally. In addition, we've been the largest corporate purchaser of renewable energy for four years running, according to Bloomberg NEF.



In China, Amazon has recently announced two new renewable energy projects – both wind farms. The Amazon Wind Farm China – Daqing project is already operational, and is expected to produce more than 300,000 MWh of clean energy each year, enough electricity to power more than 92,000 Chinese homes. During its development, the project created more than 200 construction jobs. Amazon Wind Farm China – Bobai is a 150 MW capacity



wind farm that will have more than 27 wind turbines. Once the project is operational, it is expected to generate more than 420,000 MWh clean power, enough electricity to power nearly 130,000 Chinese homes. The project is expected to employ more than 500 skilled workers during peak construction. Prior to this, Amazon's first large-scale renewable energy projects in China, Amazon Solar Farm China-Shandong and Amazon Wind Farm China-Qian'an, representing 200 megawatts (MW) of clean energy capacity, went into operation in October 2022. Together they are expected to produce 496,000 MWh a year, enough electricity to power 250,000 Chinese homes.

### Offering More Sustainable Product Selection for Customers

The Climate Pledge Friendly (CPF) program helps customers identify products that are vetted by one or more trusted third-party sustainability certifiers as well as our own. In November 2022, lifestyle brand Amazon Aware launched on Amazon Global Store in China, with 100% of its products featuring certifications from the CPF program. In 2023, more than 1.4M products were available for purchase from our Climate Pledge Friendly program, a 157% increase from 2022.

### Eliminating Waste and Single-use Plastic in Customer Deliveries

When it comes to packaging, we start with protecting the product—ensuring customers' orders arrive without damage. From there, we find ways to use less packaging and prioritize recyclable materials. Since 2015, we have reduced the average per-shipment packaging weight by 43% and avoided more than 3 million metric tons of packaging, including nearly half a million metric tons in 2023 alone.

Launching The Amazon Sustainability Exchange, Providing Free Resources to Suppliers  
We're always looking for ways to move faster, innovate, and deliver the best possible experience for our customers, and this requires working closely with those across our value chain. We've learned a lot over the years as we've worked to build sustainability into Amazon's operations, and we want to share this knowledge with others so they can benefit from our experience. The newly launched Amazon Sustainability Exchange offers previously proprietary information that will help companies of all sizes take meaningful steps toward net zero.

## Join Hands to Support Rural Science and Technology Education | ●

### Theme: Rural Revitalization

Amazon China continues to prioritize community development by combining social needs with its innovation strengths to support community building. The development of rural education is pivotal for rural revitalization strategy, as science and technology education can help rural students fulfill diversified development in the digital era.

Since 2021, Amazon China has partnered with the YouChange China Social Entrepreneur Foundation (hereafter YouChange) to launch the “Coding for the Future” STEM Education Program, which is dedicated to popularizing computer programming education in rural areas. Over the past few years, the program has provided groundbreaking programming training and hands-on activities for over 200 rural teachers across six provinces, including Yunnan, Jiangxi, Sichuan and Gansu, and helped more than 10,000 students develop their computer literacy and digital creativity. In 2023, to further encourage more participants to support the development of rural education, Amazon China invited Chinese selling partners to join in the “Coding for the Future” program for the first time.

### YouChange X Amazon “Coding for the Future” STEM Education Program Empowers Rural Teachers

Rural revitalization has brought new opportunities for the development of rural science and technology education. While many rural schools have relatively well-developed hardware facilities, they still face challenges, such as a lack of experienced teachers, systematic curricula, and the ability to scale the impact locally.

As a characteristic practice of rural science and technology education, the “Coding for the Future” STEM Education Program uses a combination of online and onsite teacher training system to empower rural teachers to provide systematic computer programming courses. Programming is a systematic subject combining knowledge of mathematics, physics, logic, engineering, and rich practical activities. The “Coding for the Future” STEM Education Program fills the gaps in teachers and specialized courses for programming education in rural schools, provides a new referential direction for the teacher development, and stimulates students' interest and curiosity in science, technology, and innovation.

At the same time, the program helps cultivate local teaching and research teams, and programming education resources by setting up the “Coding for the Future Studio” so that the local community can design, organize, and sustain programming education independently. In Funing County, Yunnan Province, the program has spent three years





to complete the process from large-scale teacher training to building a local team of programming teaching and research experts, achieving full coverage of programming education in nearly 100 elementary schools in the county by 2023. It has found a way to make the “Coding for the Future” program sustainable in the countryside.

### **Join Hands with China Cross-border E-commerce Sellers in the “Coding Carnival”**

In 2023, Amazon China has partnered with the YouChange Foundation and brought the “Coding Carnival” to all the schools involved in the program in four counties including Jinping County in Yunnan, Guazhou County in Gansu, Guang’an District in Sichuan, and Fanchang District in Anhui, covering more than 6,000 teachers and students in rural areas.

The “Coding Carnival” is an important part of the “Coding for the Future” program. As an extension of the programming curriculum, students can present their achievements, further stimulate their learning interest, and promote their knowledge on science and technology, which has a far-reaching impact on cultivating students' scientific and technological literacy and innovation ability.

In order to drive more social support for the development of rural education, Amazon China also invited Amazon's Chinese selling partners to participate in the “Coding for the Future” program for the first time. During the “Coding Carnival,” Potensic and ELEGOO from Shenzhen explained the working principles of drones and 3D printers to the students and teachers, and jointly presented a technology bazaar covering a number of cutting-edge technologies with the students.

The “Coding for the Future” STEM Education Program emphasizes cultivating students' spirit of innovation and exploration, enhancing their creativity through various thematic activities and provincial or national competitions. During the “Coding Carnival,” students designed their programming works under the guidance of their teachers and set up experiential booths to present their works to their peers.

Under the technology wave led by artificial intelligence, programming has become one of the basic abilities to understand the highly interconnected world of the 21st century. It is also an important means to cultivate young generation's information awareness, computational thinking, digital creativity, and information social responsibility. The “Coding for the Future” STEM Education Program has collaborated with local education departments to provide rural schools with policy support, material support, teacher empowerment, and multiple activities to promote the continuous improvement of the local programming education, and to support rural children with more development possibilities in the highly digitalized future.

In the future, Amazon China will continue to work with YouChange Foundation and other social forces to provide more rural students with programming and technology learning opportunities, support the growth of rural teachers, and contribute to the rural revitalization by empowering rural technology education.

### **About Amazon**

Amazon is guided by four principles: customer obsession rather than competitor focus, passion for invention, commitment to operational excellence, and long-term thinking. Amazon strives to be Earth's Most Customer-Centric Company, Earth's Best Employer, and Earth's Safest Place to Work. Customer reviews, 1-Click shopping, Prime, Fulfillment by Amazon, Amazon Web Services, Career Choice, Fire tablets, Fire TV, Amazon Echo, Alexa, Just Walk Out technology, Amazon Studios, and The Climate Pledge are some of the things pioneered by Amazon.

# AstraZeneca

## “Ambition Zero Carbon” in China, Accelerating the Green Development of Healthcare System | ●

### Theme: Green Development

Climate change is one of the greatest risks facing humanity now and in the future. It is already impacting human health and undermining the capacity of the health system. With about 5% of global greenhouse gas emissions come from the healthcare system, all parties in the healthcare system need to make positive efforts to promote the green transformation of the entire value chain. AstraZeneca is dedicated to sustainable development in the healthcare industry. To build a more sustainable future for people, society, and the planet, AstraZeneca announced our “Ambition Zero Carbon” strategy in 2020. We are accelerating our progress towards net zero, and actively promoting green development of the healthcare industry.

In 2021, AstraZeneca became one of the first seven companies worldwide to have emission reduction targets verified under the Science Based Targets initiative (SBTi).

To summarize our decarbonization targets:

#### 2026:

- Reduce absolute Scope 1 and Scope 2 greenhouse gas (GHG) emissions by 98% from 2015 baseline

#### 2030:

- Reduce absolute Scope 3 GHG emissions by 50% from 2019 baseline, and be carbon negative through investments in nature-based solutions

#### 2045:

- Reduce absolute Scope 3 GHG emissions by 90% from 2019 baseline, and achieve net zero carbon emissions through investments in nature-based solutions

In 2023, AstraZeneca's global Scope 1 and 2 greenhouse gas emissions has been reduced to 67.6% below our 2015 baseline, and AstraZeneca achieved a 19.5% reduction in water use. Additionally, 97.6% of paper-based product packaging materials used are supplied from sustainable sources. We have enabled more than 750 material suppliers with a critical role in patient supply to understand climate vulnerability in the upstream value chain. We have also partnered with more than 700 suppliers to assess and disclose their greenhouse gas emissions to the CDP Supply Chain Program. More than 19.9m trees have been planted since 2020 through “AZ forest” initiative. AstraZeneca has been ranked as number 1 on

climate action in the pharma sector in the climate ranking of 2023 STAT Report – Climate rankings: How top drug companies measure up in combating climate change.

AstraZeneca China has actively responded to China's "dual carbon" goals by combining its own advantages with local needs and implemented its "Ambition Zero Carbon" in China. AstraZeneca China has collaborated with partners from various sectors to explore green and sustainable development models, accelerating the sustainable development of China's healthcare industry.

## AstraZeneca Takes Green Development as Its Responsibility and Sets Up a Sustainable Benchmark for the Industry

### *Green Production: Building The Three Major Supply Sites in China into Green Factories*

**The Wuxi supply site** continues to promote the transformation and renovation of green factories, focusing on implementing energy-saving renovation, using carbon dioxide heat pumps, installing solar photovoltaic facilities, purchasing green electricity, etc., with the aim of realizing zero-carbon operation in many areas by 2026, and becoming the largest green factory in the Asia-Pacific region of AstraZeneca, with the widest range of products. Currently Wuxi supply site uses 100% green electricity and has reduced carbon emissions by 55% in 2023 compared to the 2015 baseline.

In 2024, AstraZeneca China signed a ten-year renewable energy contract with China Resources Gas to innovatively provide biomethane and biomethane-based steam for AstraZeneca's Wuxi site, helping Wuxi site achieve green heat transformation. The project will help AstraZeneca reduce Scope 1 and Scope 2 greenhouse gas emissions by up to 80% in China.

**The Taizhou supply site** has practiced green development in manufacturing processes and obtained My Green Lab platinum certification for its laboratories. Currently, Taizhou site uses 100% green electricity, and has reduced carbon emissions by 96% and water consumption by 51% in 2023 compared to the 2015 baseline.

**The Qingdao supply site** is designed and constructed with the concept of sustainable development, adopting a series of internationally leading sustainable technology measures to build a leading eco-friendly factory in the world. Meanwhile, the administration building and cafeteria are designed and constructed in accordance with LEED Gold standards.

### *Green Operations*

AstraZeneca China Headquarter Shanghai Zhangjiang Campus continues to promote the creation of a green office park by installing solar photovoltaic and green electricity direct purchasing, using 100% green electricity. Zhangjiang Campus continuously improves the



## Selected Best Practices

efficiency of the park's energy use through several energy-saving and emission reduction initiatives, as well as the launch of a digital energy and carbon management platform. In 2023, Zhangjiang campus has reduced carbon emissions by 93% and water consumption by 59% compared with the baseline in 2015.

AstraZeneca launched the EV100 initiative in 2022 to gradually replace office cars with new energy vehicles. AstraZeneca is continuously optimizing employee travel policies, encouraging employees to travel by train instead of by air. As a result, business travel carbon emission was reduced by 78% in 2023 compared with the 2015 baseline.

Zhangjiang campus increase the proportion of new energy parking spaces to more than 50% by the end of 2023. Zhangjiang Campus and regional headquarters acted together to make the green concept penetrate employees' daily work and life by carrying out the Environmental Protection Public Welfare Week and organizing thematic activities such as reducing the use of disposable items and carbon reduction.

### **Green Research and Development**

AstraZeneca has integrated "Ambition Zero Carbon" into the entire business process from lab to patient, actively exploring paperless, online, and digitalization in the R&D journey, and promoting low-carbon laboratory operations.

By 2023, we have reduced the use of A4 paper by 1,575,000 sheets through the use of electronic submission of drug declarations, use electronic clinical outcome assessment (eCOA) in 100% of clinical programs when needed, and electricize 98% of clinical trial master files (TMFs), thereby significantly reducing the use of paper in the drug discovery and development process.

We also reduced energy consumption in laboratory operations through energy-saving initiatives, and rationally allocated and optimized the use of laboratory samples and reagents to reduce the generation of laboratory waste.

### **Digital Transformation**

Through digital transformation, AstraZeneca has actively carried out online activities and knowledge dissemination to reduce carbon emissions from offline activities or meetings. AstraZeneca China's digital marketing team, based on the clinical and academic needs of a wide range of doctors, has created a series of digital tools to bring more efficient, convenient, broader, and greener education and academic communication for doctors in the healthcare industry. In 2023, 50% of the meetings used digital methods, with more than 1.6 million people participating. In 2023, the retail team provided online academic training to more than 4,000 retail store clerks in 22 provinces, and the county team provided 55,000 online academic exchanges to county hospitals in 25 provinces, strengthening communication with grassroots hospitals and medical education for retail pharmacy clerks.

## AstraZeneca Plays a Leading Role in the Industry and Promotes the Realization of Green and Low-Carbon Development of Healthcare System

### *Role Model for Industry Cooperation*

The Sustainable Markets Initiative (SMI) was launched by His Majesty King Charles III, with a mission to build a coordinated global effort of all parties to jointly respond to climate change, protect biodiversity, and promote global sustainable development. AstraZeneca's Global CEO, Pascal Soriot is the Chairman of the SMI global Health System Task Force. The task force is committed to taking joint, scalable action to accelerate the delivery of net zero, sustainable and global healthcare system.

After the establishment of SMI China Council in August 2022, AstraZeneca China has been deeply involved in the work to establish a health working group in China. During the 2023 China International Fair for Trade in Services, AstraZeneca China, the China Chamber of International Commerce and China Resources Healthcare jointly released the vision of the working group, which is to lead the green upgrade of the pharmaceutical and healthcare supply chain industry chain, promote the green healthcare delivery, and explore the synergistic development of sustainable and internationalized pharmaceuticals. At the 6th CIIIE in November 2023, the SMI China Health Working Group was officially set up, with AstraZeneca being the "Co-Chair". The SMI China Health Working Group aims at accelerating the sustainable development of China's healthcare system, with global impact.

In January 2024, during the World Economic Forum, AstraZeneca, together with four multinational pharmaceutical companies and Chinese green tech company Envision Energy, entered into the industry's first multi-party renewable energy agreement to decarbonize





electricity from their operations in China. In May 2024, under the leadership of the China Chamber of International Commerce (CCOIC) and the active promotion of AstraZeneca, SMI China Health Working Group successfully organized the plenary meeting and launched "Pharmaceutical and Medical Industry Chain Green Energy Transformation Initiative", where AstraZeneca, together with 12 member organizations and green energy partners, actively responded to the initiative, continuously accelerated the application of green energy and promoted the green upgrading of the supply chain, which demonstrated our leadership and firm commitment to green development and medical innovation.

### **Green Supply Chain**

In 2023, AstraZeneca China promoted more than 50 local suppliers to complete the Carbon Disclosure via CDP, participated in EcoVadis assessment, and made Science-Based Target initiative (SBTi) commitment through the Sustainable Sourcing Program. In 2024, AstraZeneca will further expand the coverage of the Sustainable Sourcing Program to more local suppliers to accelerate the green transformation of the industry.

## **AstraZeneca's Positive Contribution to a "Green Planet" Through Investment in Nature and Biodiversity**

AZ Forest is a global initiative to plant and maintain 200 million trees by 2030. Over the next five years, AZ Forest is coming to China, where AstraZeneca will invest \$50 million in reforestation.

## **China Red Cross Foundation AstraZeneca Rural Revitalization Charity Fund | ●**

### **Theme: Rural Revitalization**

Implementing the Rural Revitalization Strategy, we can accelerate the modernization of agriculture and rural areas. AstraZeneca is rooted in China and brings benefits back to China. Based on our advantage resource in health field, we focus on four areas in rural development, such as health, education, construction, and relief. We take hands of stakeholders to participate in those four public welfare fields, exploring and supporting various public welfare projects, and assisting the implementation and promotion of Rural Revitalization Strategy and Healthy China Strategy.

AstraZeneca China announced to donate RMB 100 million in total for 10 years to promote China's rural revitalization strategy. As the first phase of program, Chinese Red Cross

Foundation AstraZeneca Charity Fund for Rural Revitalization (Hereinafter referred to as the Charity Fund) was set up. AstraZeneca will donate RMB 30 million to Chinese Red Cross Foundation and implemented over 3 years to support building a healthy and beautiful village that is desirable to live and work in.

As of January 2024, the Charity Fund has funded 37 rural revitalization projects, including 16 health projects, 9 education projects, and 12 construction projects, covering 20 provinces (autonomous regions and municipalities) across the country. At the same time, it supports post-disaster reconstruction in Tianjin, Hebei, Gansu, and other places, with a total project amount of RMB 8.17 million, benefiting more than 700,000 people.

General Overview

- Rural Health: RMB 3.41 million
- Rural Education: RMB 1.22 million
- Rural Construction: RMB 1.54 million
- Rural Relief: RMB 2 million



### **Rural Health**

Rural healthcare is an important part of promoting the construction of a healthy China and rural revitalization. Under the current infrastructure conditions, equipping grassroots health institutions with medical facilities, upgrading hardware equipment, and improving the efficiency and quality of village doctors' diagnosis and treatment are all effective ways to alleviate and guarantee the medical needs of people in remote rural areas. Through the deployment of medical equipment and the transformation of grassroots health institutions, the Charity Fund has enabled villagers in deprived areas to "stay in the village for minor illnesses and go to the hospital in time for major illnesses," which has promoted the construction of rural revitalization and the implementation of the Healthy China strategy.

In 2023, the Charity Fund has supported 16 rural health projects, purchased mobile hospital diagnosis and treatment packages, built fraternity health stations, and carried out village





clinic transformation.

The project covers grassroots towns in eleven provinces, municipalities, and autonomous regions, including Jiangsu Province, Zhejiang Province, Beijing, Shanxi Province, Shanxi Province, Tibet Autonomous Region, Sichuan Province, Gansu Province, Guangdong Province, Xinjiang Autonomous Region, and Qinghai Province.

### **Rural Education**

Rural education is the "nerve endings" of Chinese education and an important pillar of rural revitalization. Good rural education is inseparable from a good educational environment. The Charity Fund supports rural education through measures such as building playgrounds and implementing better equipment, it helps solve and optimize the shortcomings and weaknesses in rural school infrastructure and promotes the improvement of rural education. In 2023, the Charity Fund has supported nine rural education projects, conducted playground construction, and created popular science classroom, etc.

The project covers grassroots towns in five provinces, municipalities, and autonomous regions, including Anhui Province, Jiangxi Province, Guangdong Province, Yunnan Province, and Shanxi Province.



### **Rural Construction**

Improving rural public infrastructure and creating comfortable conditions are the essence to building beautiful villages. The Charity Fund continuously optimizes the living environment of the people by supporting the implementation of a series of rural infrastructure projects. At the same time, it focuses on empowerment-based assistance methods in rural livelihood projects, focusing on achieving self-sustainability and promoting the revitalization of more villages.

In 2023, the Charity Fund supported a total of twelve construction projects, including road improvement, installation of streetlights, construction of activity centers and other

infrastructure, and supported the embroidery industry to increase income of villagers. The project covers grassroots towns in nine provinces, municipalities, and autonomous regions, including Xinjiang Autonomous Region, Guangdong Province, Jilin Province, Hubei Province, Inner Mongolia Autonomous Region, Guangxi Autonomous Region, Shanxi Province, and Hebei Province.

### ***Rural Relief***

China has a vast, complex, and diverse natural environment, and with it comes various natural hazards. When disasters strike, the Charity Fund actively responds, focusing on resettlement and post-disaster reconstruction for the people in the disaster area, ensuring their basic living.

In 2023, the Charity Fund invested RMB 2 million to support the post-disaster reconstruction projects after floods in Tianjin and Hebei, as well as projects for the earthquake in Gansu.

### **About AstraZeneca**

AstraZeneca is a leading global biopharmaceutical company with its global headquarters in Cambridge, UK. AstraZeneca came to China in 1993 and has been rooted in China for more than 30 years. AstraZeneca has invested close to USD \$3 billion in China and has brought more than 40 innovative medicines covering oncology, cardiovascular, metabolism, renal, respiratory, digestive, and rare disease therapeutic areas to Chinese patients.

Currently, China has become an important growth engine and the second largest market for AstraZeneca globally, delivering high-quality innovative medicines to more than 70 markets around the world. AstraZeneca's China headquarters and Global R&D China Center are located in Shanghai, with three global manufacturing and supply sites in Wuxi, Taizhou and Qingdao, and five regional headquarters in Beijing, Guangzhou, Hangzhou, Chengdu and Qingdao. In early 2024, AstraZeneca upgraded Shanghai to become one of the world's five strategic centers.

# USANA BabyCare

## USANA Charity Fund Building Dreams and Growing, Sowing Hope | ●

### Theme: Rural Revitalization

As a leader in health products, USANA BabyCare actively responds to the call of the state and is always committed to delivering the power of positive health to society with innovative awareness and goodwill. Over the years, USANA BabyCare has closely integrated its own advantages with public welfare activities, taking "health" as the entry point, innovating the public welfare model, and carrying out a series of health public welfare activities under the theme of "Building Dreams and Growing, Sowing Hope."

B

### USANA Charity Fund Love Meal Program – Nutritious Meals with Endless Love

Located deep in the Wumeng Mountains, Adu Township in Xuanwei City, Yunnan Province, is one of the most remote ethnic townships in Yunnan. Potatoes and rice are the most common food crops on this land, and they are also regular guests on the local people's dinner table.



Volunteers and children play together

Third-grade Xinxin's family lives in Adu Township, where a total of seven people, including her, live in a three-room tiled house, and she is the youngest and thinnest of six siblings. Her 80-year-old grandmother takes care of them all by herself. Her 80-year-old grandmother takes care of them alone, and the livelihood of the seven members of her family rests on the shoulders of her parents, who work outside the village.

Xiao Yuan, also from Adu Township, is similar to Xinxin. Because the family lacks financial resources, in order to make a living, Xiao Yuan's parents have to go out to work, and Xiao Yuan stays at home and is taken care of by his old and frail grandparents. In Xiaoyuan's impression, there was no concept of "three meals a day" at home in the past, and there were only two meals a day, one in the morning and the other in the evening.

In Adu Township, the situation of Xinxin and Xiaoyuan is not an exception.

Malnutrition is a global public health problem. According to the State of the World's Children 2019 report released by the United Nations Children's Fund (UNICEF), by 2019, one third of children under the age of five will not be able to obtain the nutrition they need to grow, and 340 million children will face the "hidden hunger" of vitamin and mineral deficiencies. In China, due to the single dietary structure, the phenomenon of malnutrition among children in underdeveloped areas is very serious.

China Student Nutrition and Health Promotion Association released at the event, "China's children and adolescents nutrition and health guidance guide 2021" proposed that China's children's diet is unreasonable, highlighted in the fruits and vegetables, aquatic products, eggs, legumes, milk intake is very low, did not meet the recommended standards of the Dietary Guidelines, the rural areas and economically underdeveloped areas are particularly insufficient. Many rural children's parents neglect their children's long-term nutritional needs, and due to the long distance to school, some children can only fill their stomachs with cold buns and plain water in between classes.

Since its establishment in 2012, the USANA Foundation has been committed to focusing on the problem of hunger and malnutrition among poor children around the world, raising money, providing food, and participating in volunteer services in impoverished areas around the globe for children in need of help. In 2015, the USANA Foundation for the Common Good officially landed in China, and in 2019, USANA BabyCare joined hands with the China Foundation for Rural Development (formerly the China Foundation for the Alleviation of Poverty) to jointly establish USANA Charity Fund for the Common Good, a charity organization that aims to help children in rural areas who are suffering from hunger. In 2019, USANA BabyCare and the China Rural Development Foundation (formerly the China Foundation for Poverty Alleviation) jointly opened the USANA Charity Fund Love Meal Program to help children in underdeveloped areas to stay away from malnutrition, and to help them to have a healthy body and a happy childhood.



Volunteers make dumplings for children

By the end of 2022, Usana Charity Fund Love Meal Program has benefited nine counties in six provinces, including Pingquan County in Hebei, Yinjiang County in Guizhou, Suixian County in Hubei, and Xichuan County in Henan, providing about 860,000 nutritious meals for children and equipping 40 schools with kitchen equipment, benefiting nearly 20,000 students in total. In the future, Usana Charity Fund Love Meal Program will provide more children in rural areas with rich and nutritious meals, so that they can eat well.



Every ordinary and kind gesture will be transformed into upward lifting power to support the sky of hope for the children, and USANA BabyCare is willing to practice the power of love through its own practical actions, convey the temperature of love with heart, and build the ladder of dreams with love!

## USANA Charity Fund's Rural Angel Program - Empowering Rural Doctors and Promoting Rural Revitalization

USANA BabyCare continues to innovate on the public welfare path of "Building Dreams and Growing, Sowing Hope." In addition to continuously promoting the "Love Meal" program, USANA Program also "teaches fishing and continues to do good deeds."



Nowadays, there are about 1.36 million rural doctors in China, serving more than 400 million rural people, who bear the heavy responsibility of primary medical care and guard the physical and mental health of every villager. However, behind the huge number, problems such as how to improve the professionalism of rural doctors, retaining rural doctor talents for the grassroots, and insufficient medical equipment for the grassroots need to be solved. Under the guidance of the Special Action Program for Social Organizations to Assist Rural Revitalization issued by the National Rural Revitalization Bureau and the Ministry of Civil Affairs, the China Rural Development Foundation and the Beijing Lingfeng Public Welfare Foundation jointly initiated the Angel Project program, which aims to deeply improve the conditions of medical facilities in underdeveloped areas, empower rural doctors, and contribute to the health of local people. As one of the first companies to respond to the



Angel Project, USANA BabyCare donated RMB 1 million to establish the USANA Charity Fund Rural Angel Project, which actively supports the capacity building of rural doctors and empowers them.

USANA BabyCare donated four rehabilitation huts and provided 274 health tour kits, benefiting 274 village health offices and rural doctors in Langao County, Shaanxi Province, and Leishan County, Guizhou Province, to protect the health of the local people," said Brent Neidig, Chief Commercial Officer of USANA. We are doing everything we can to capitalize on our strengths and fulfill our commitment to sustainable development and corporate social responsibility in all of our markets around the world. Our goal is to improve the health and well-being of more people. This is critical to truly achieving sustainable development."

### Youth Weight Intervention Program

In 2023, USANA BabyCare and China Population Welfare Foundation jointly established the "Healthy China Action Fund Youth Weight Intervention Program." Supported by USANA BabyCare, the program links experts and scholars in the field of nutrition, as well as local governments and schools, to advocate a healthy diet and balanced lifestyle for teenagers, establish the concept of healthy living for teenagers, help teenagers master the correct knowledge of diet and exercise, and change the bad habits, so as to realize the intervention of overweight and obesity among teenagers. The program is currently carried out in Xinfeng County, Ganzhou City, Jiangxi Province, covering 4 schools and 15,000 students.

USANA BabyCare will uphold the original intention and dedicate itself to researching and developing high-quality products and providing meticulous services with innovative awareness and goodwill, so as to continuously transmit positive and healthy energy to the society. At the same time, we will, as always, fulfill our corporate social responsibility and continue to cultivate and expand in the field of public welfare, without stopping our steps. We are willing to work with all walks of life to help build a healthy China and make due contributions to the cause of universal health.

### About USANA Babycare

USANA Babycare is a wholly foreign-owned enterprise specializing in the dissemination of health concepts and the research, development, production, sales and service of health products. USANA Babycare was founded in January 1999 and is headquartered in Beijing. With a registered capital of USD \$30 million and a total investment of USD \$90 million, USANA Babycare was granted a direct business license by the Ministry of Commerce of the People's Republic of China in 2009. In 2010, based on the common mission and vision, USANA acquired Babycare's parent company in the US – USANA's advanced biotechnology

and global business resources have injected a new and powerful impetus for the sustainable development of Babycare. USANA Babycare has combined USANA's outstanding scientific health and nutritional research and development results with the health and nutritional needs of local Chinese consumers. Since then, USANA Babycare has strived to achieve our goal of becoming "the healthiest family in the world" under the mission of "Helping you to lead your own wonderful life"; the values of "Excellence, Health, Integrity and Mutual Support"; breakthrough innovation as its core power; and the adherence to commitment of "Quality, Technology, and Proofseeking." USANA Babycare provides millions of families in China with scientific health information and high-quality and safe products.



# Chevron

## Improving Education and Training in the Communities Where We Operate | ●

### Theme: Rural Revitalization

Chevron's approach to sustainability is integrated throughout our business. We strive to protect the environment, empower people, and get results the right way. The Chevron Way guides how we work and establishes a common understanding of our culture, vision, and values.

In China, we partner with local stakeholders, governments, and nongovernmental organizations in communities near our operations who share insights on matters important to them. Our engagement with communities is guided by a process to identify and manage potential impacts. And our social investment strategy seeks to respond to needs in the communities where we operate.

Truck drivers are the main stakeholders of our lubricant business. We meet with stakeholders to foster trust, build relationships, and engage in two-way dialogue to understand their insights. These interactions help us learn what matters to them.

### Background

In November 2021, the Ministry of Transport released data on truck drivers. "In 2020, 17.28 million truck drivers in the industry completed 74% of the freight volume and 31% of the turnover volume of the whole society." The Chinese Truck Driver Survey Report pointed out that 71.2% trucks drivers are both a truck owner and a labor. "In many places, taking a loan to have a truck is a very important reason for truck drivers to affiliate themselves with a company, because they need to borrow money through the company. The consequence of this is the pressure to repay the debt, which is one of the most important reasons why truck drivers work overtime."

### Light Up the Future

To support less fortunate families from the trucking industry and reduce their financial burden, in September 2023, partnering with the China Foundation for Rural Development,

Chevron launched the educational assistance program, "Light Up the Future."

This program is designed to provide educational assistance to children from less fortunate families within the trucking industry, allowing them to have improved access to education. Chevron has donated RMB 1.5 million to the program, which will benefit 500 children across various provinces.

"Light Up the Future" program focuses on China's rural revitalization. Chevron's predecessor first entered China in 1904, and later Chevron was one of the first foreign companies to re-enter China in 1979. Chevron actively fulfills its social responsibilities in China. At the same time, attention will be paid to the talent revitalization sector of rural revitalization, with education as the foothold of the "Light Up the Future" program. Educational expenses are part of a truck driver's household expenses. The "Light Up the Future" program reduces the educational burden on trucking families and allows these children to have improved access to education.

Since its execution, the program has been implemented in Hebei, Sichuan, and Shandong provinces, and has received support and recognition from the transportation departments of the three provinces.



A Hebe truck driver and his children

At the launch ceremony held in September 2023, Stanley Song, President, Greater China, Chevron International Products, said that Chevron is proud of its long history in China. Globally, wherever Chevron operates, its partnerships and investments in health, education, and economic development advance progress and strengthen communities. Stanley noted that "by providing education assistance to truck driver families, we hope to not only reduce some of their financial burdens, but also empower their children with improved access to education, paving the way for a better future."

The government official of Transport of Hebei Province said during the launch ceremony that truck drivers have regarded their trucks as their home and the road as their companions. They have been working on the front line of transportation for a long time. They have



Leaders from the Hebei Provincial Department of Transport, representatives from Chevron, and Mr. Chen Hongtao, Executive Director of China Foundation for Rural Development jointly launched the "Light Up the Future" Program.

worked tirelessly and worked hard, making important contributions to economic and social development, ensuring and improving people's livelihood. As the first batch of beneficiaries will be from Hebei province, the Department of Transport of Hebei Province will fully support the implementation of this program, assisting to select the families which meet the criteria and are the most in need of assistance and turning the community program into a social welfare project which supports the drivers.

With the achievements on this program, Chevron is awarded as an "Outstanding Contributor in 2023" by China Foundation of Rural Development.

### About Chevron

Chevron is one of the world's leading integrated energy companies. We believe that a balanced energy framework requires energy supply that must be affordable, reliable, and ever cleaner.

The world never stops moving, growing, and evolving. It demands energy that evolves with it. At Chevron, we're exploring multiple paths to the future while continuing to meet the complex energy needs of today. We are going to need all forms of energy. That is why we are growing our traditional oil and gas business. As an integrated energy company, we leverage value chain optimization to deliver affordable and reliable energy. We have

capabilities across the Oil, Products, and Gas value chains.

At the same time, we are lowering the carbon intensity of our operations, and growing new, lower-carbon businesses in renewable fuels, hydrogen, carbon capture, offsets, and other emerging technologies.

Chevron's predecessor first entered China in 1904, and later Chevron was one of the first foreign companies to re-enter China in 1979. We became a partner in one of China's first offshore oil production projects in the Pearl River Mouth basin of the South China Sea.

Delivering energy globally requires a network of trusted partners who share our values and our aspirations. The relationships we build today are the backbone of solutions we are pursuing for tomorrow.

Over the past 40 years, Chevron has worked closely with our industry partners to provide clean and reliable energy to fuel China's growth. Chevron has expanded operations in China through various subsidiaries. The range of our businesses includes petroleum exploration and production, LNG supply, petrochemicals and additives, fuels, and lubricants marketing. Today, Havoline is on the shelves of thousands of offline workshops we collaborate with, Techron is well recognized by Chinese consumers, especially on the e-commerce platforms, and Delo is deeply rooted in the diesel engine oil industry as well.

# DHL Group

## Plan for Logistics-Related Net Zero Greenhouse Gas Emissions | ●

### Theme: Green Development

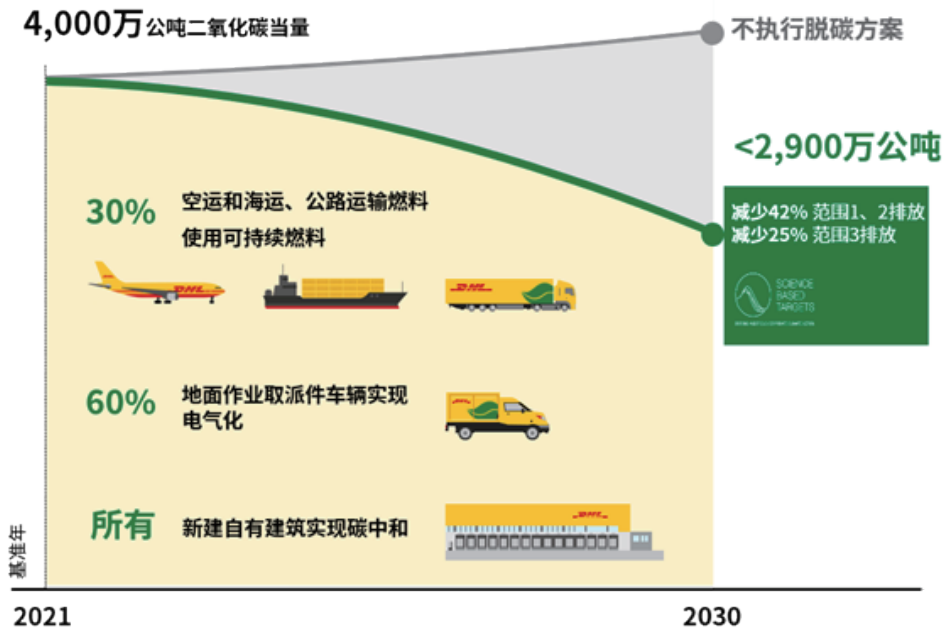
DHL Group was the first global logistics company to set a quantifiable climate protection target in 2007. In 2017, the group has set a new target: reduce all logistics-related greenhouse gas (GHG) emissions to net-zero by 2050. In 2019, DHL Group unveiled the Strategy 2025, outlining its sustainability vision over the next six years. This requires it to maintain its commitment to excellence in sustainability while realizing its three bottom lines: being recognized as an Employer of Choice, Provider of Choice, and Investment of Choice. Over the past 16 years, the group's commitment to sustainability has been embedded in the corporate culture and will remain a cornerstone of its corporate strategy going forward.

In line with the latest materiality analysis, DHL Group introduced the Sustainability Roadmap in 2021 following a careful review by the Board of Management and the Supervisory Board. Its sustainability approach has henceforth expanded into a comprehensive strategy covering three key commitments: clean operations for climate protection, being a great company to work for all, and being a highly trusted company. As part of the group's new sustainability roadmap, DHL Group released new, ambitious interim targets planning to reduce the group's annual CO<sub>2</sub>e emissions from 40 million metric tons in 2021 to below 29 million metric tons by 2030. The group completely integrated the new ESG metrics and targets into both its

financial systems and reporting and planning processes, as well as its internal control system. The development of actual versus planned key performance indicators is presented to the Board of Management along with financial KPIs and discussed monthly. Deviations are analyzed and solutions developed and approved.

For carbon-intensive industries like logistics, achieving net-zero emissions by 2050 requires addressing multiple challenges. The focus of our measures is mainly on those modes of transport that use the most fuel and generate the most emissions, while also considering other sources of emissions in our operations.





DHL Group therefore identifies four key areas for its net-zero emissions plans namely, to drive electrification of pick-up and delivery, increase our use of sustainable aviation fuels, design all new, owned buildings to be CO<sub>2</sub>e neutral, and offer a comprehensive portfolio of sustainable products. So far, it has observed remarkable progress towards its goal of clean operations. In China, the Sustainability Roadmap is always at the core of DHL's mission, ensuring that the commitment to the environment, social responsibility, and corporate governance is reflected at all levels of business.

DHL Express China establishes extensive collaborations with local automakers, including SAIC MAXUS, Dongfeng Motor, and BYD, to advance its fleet electrification. By the end of 2023, DHL Express China had electrified 26% of its last mile fleet, ranking first among all DHL Express business regions worldwide. DHL Global Forwarding deployed electric trucks in Shanghai and Shenzhen. In May 2023, DHL Global Forwarding expanded its e-fleet in Shanghai by introducing two new electric trucks and two electric tractors. The four vehicles will operate for a total monthly mileage of more than 20,000 kilometers, which is expected to reduce carbon emissions by more than 300 tons per year. In May 2023, DHL Express China joined hands with its partners to officially put into operation a fleet of eight hydrogen-fueled trucks, which is expected to reduce carbon emissions by more than 170 tons per year.

Aviation accounts for 68% of GHG emissions in DHL's business and is therefore the area where the greatest savings are possible. Sustainable Aviation Fuels (SAF) offer a viable alternative to fossil fuels when it comes to reducing GHG emissions in aviation. SAF is a new type of aviation fuel derived from animal fats, used cooking oil, agricultural waste, etc. Compared with traditional aviation kerosene, SAF can reduce emissions by up to 80% over



its lifecycle. DHL is the first global express carrier to give its customers the option of using SAF. As outlined in its sustainability roadmap, DHL is working toward a blending ratio of 30% for SAF by 2030.

Additionally, DHL is expanding its use of electricity from renewable sources as part of its transition to clean energy. Notably, DHL Express China has already achieved 100% usage of electricity from renewable sources in its infrastructure and vehicles.

By 2030, all DHL's new, owned buildings are to be CO<sub>2</sub> neutral, equipped with sustainable and efficient heating systems. DHL is increasing its investment in advanced sustainable technologies to achieve carbon-neutral building designs. To date, across DHL's 12,260 sites worldwide:

- 60% are certified according to ISO 14001 (Environmental Management System certification) and/or ISO 50001 (Energy Management System certification)
- 59% of energy used comes from renewable energy sources; 97% of electricity is generated from renewable energy sources
- Only 1% of total GHG emissions are building-related

In November 2023, DHL inaugurated its expanded Central Asia Hub (CAH) in Hong Kong. CAH is the first facility in DHL's Asia Pacific region to deploy battery storage, maximizing renewable energy utilization. CAH has installed 3,450 solar panels on the roof, capable of reducing 850 tons of carbon emissions per annum. Additionally, its energy storage system can store excess solar power and release it as needed, saving 125,000 kWh of electricity annually and reducing 49 tons of carbon emissions. Other environmentally friendly features such as electric forklifts, LED lights and high-efficiency air-cooled chillers have been used, all aimed at reducing GHG emissions further.

As a pioneer in sustainable logistics, DHL is committed to making innovations in its services. It leverages cutting-edge, eco-friendly logistics solutions to help clients reduce their

carbon footprint. In collaboration with industry partners, DHL is driving the logistics sector towards greater sustainability. The group's sustainable logistics solutions include the use of sustainable fuels and low-carbon technologies, offsetting emissions through certified climate protection projects, sustainable optimization of our clients' supply chains, and providing carbon emission estimation and footprint reports. DHL aims to offer sustainable alternatives to clients across all core products and services by 2030.

GoGreen Plus is a component of DHL's sustainable roadmap of achieving net-zero GHG emissions by 2050. Launched in June 2023 for express customers in China, GoGreen Plus is based on carbon insetting approach, where customers can voluntarily choose their own GHG emission reduction levels and SAF usage. With GoGreen Plus, DHL enhances its transparency and information disclosure on GHG emissions. The group can provide a transport and logistics environmental footprint report for customers, enabling a comprehensive understanding of their carbon footprint across all transport legs, modes and trade lanes.

In April 2023, DHL introduced the new DHL GoGreen Dashboard - a new seamless emissions reporting solution for DHL Group's large cross-divisional customers, which provides transparency according to recognized industry standards like the Global Logistics Emissions Council (GLEC) Framework, making the reporting process more efficient and streamlined. As of June 2024, over 50,000 customers have adopted GoGreen Plus offered by DHL Express China.

## About DHL Group

DHL Group is the world's leading logistics company connecting people and improving lives. Headquartered in Bonn, Germany, the Group has more than 500 years of postal history. DHL Group employs approximately 594,000 people in over 220 countries and territories worldwide. In 2023, the Group generated nearly 82 billion euros in revenue and ranked 103rd on the Fortune 500 list, marking the 29th year that the Group has been included in the list. DHL operates two business units in China, DHL Express (headquartered in Beijing) and DHL Global Forwarding (headquartered in Shanghai), to provide a comprehensive international express, freight forwarding, supply chain management, and e-commerce logistics service solutions, with service networks covering nearly 400 cities. In the express sector, DHL was the first international express company to enter the Chinese market and has been operating in China for 38 years.



## EF Education First

### Hello Teacher Program: Unleashing the Power of English Teaching | ●

**Theme: Rural Revitalization**

#### About the Program -- Educational Poverty Alleviation

EF Education First initiated the “Hello Teacher” program in 2017, and has been dedicated to providing educational support to those who may not have the opportunity or access to quality education. In 2018, EF launched the program in partnership with the Center for Educational Technology and Resource Development, Ministry of Education, P.R. China (National Center for Educational Technology, NCET). NCET leverages its national network to pick out targeted rural teachers. By 2024, the program has covered over 8,000 rural English teachers from 12 provinces and regions including Hebei, Sichuan, Chongqing, Jiangxi, Hubei, Qinghai, Gansu, Ningxia, Yunnan, Guangxi, Guizhou, and Xinjiang.

Leveraging EF’s 50+ year history and expertise, as well as advanced learning platforms, the program contributes to the government’s poverty alleviation and development of education in western China and empowers more rural teachers and students to confidently speak English on the world stage. By sharing our expertise, instilling our passion for education, and igniting love for learning with dedicated rural teachers, more rural students will have access to advanced and quality English education.

The program is composed of three phases during each academic year:

- Phase I: EF provides free, customized six-month online English courses to 1,500 rural English teachers, which are composed of 16 levels of English learning courses and 15 group lessons.
- Phase II: 100 most active teachers are selected to join a two-day, in-person intensive offline training session with a focus on teaching methodologies.
- Phase III: The top 10 rural English teachers are selected through tests and interviews to join a one-week-long educational training tour aboard.

To ensure the success of the program, EF collaborates with the National Center for Educational Technology (NCET), elaborating strengths of both organizations.

A variety of functions and resources within EF are involved in the development of quality training courses for the Hello Teacher Program. EF provides more than 2000 hours of online courses to each targeted teacher. These courses serve as the foundation for the Program,

as attaining an acceptable level of English proficiency is the first step of future skills-based training. Also, EF's customer service representatives are also on hand to provide 24/7 online support to ensure all rural English teachers are able to take the online courses smoothly. Customized offline training composed of plenary sessions, breakout sessions, and "Life Club" sessions are delivered by a group of professional trainers from EF English Center and Teacher Recruitment and Training divisions. Rather than giving theory-based classroom-style lectures, EF trainers create an interactive learning environment that empowers rural English teachers to speak up and be creative. The Life Club sessions, which are available across our Centers, offer socially driven learning experiences to help connect teachers around the country.

EF's Language Travel division designs and customizes an intensive one-week educational course aboard, creating an authentic English cultural learning experience. This provides the rural teachers with a unique opportunity to study and improve in an international environment.

The National Center for Educational Technology (NCET) is an institution that is directly affiliated with the Chinese Ministry of Education (MOE) which specializes in educational technology. Leveraging NCET's online training management experience, NCET implements the program at national level and cooperates with local authorities to ensure the program is delivered to the targeted rural teachers. Moreover, local centers for Education Technology also establish a working committee to follow up rural teachers' study progress and learning outcomes.

In addition, the Selection Committee for the Hello Teacher Program has been established to ensure each selection process is unbiased, fair, and open. The Selection Committee is composed of representatives from NCET, EF, and professional EF trainers. All selection criteria are announced beforehand, and the entire evaluation process is supervised by the Selection Committee. All rural teachers' overall scores and rankings are proclaimed by the Selection Committee.



## Program Achievement

Academic Year	Provinces	No. of Targeted Teachers	Activate Rate	Target Rate(finish more than 2-level online learning)
2019	5	1,015	90%	60%
2020	6	1,159	94%	74%
2021	8	1,462	92%	68%
2022	10	1,917	95%	79%
2023	9	1,816	99%	63%

In partnership with NCET, the success of this program is a great example of private public partnership where NCET and EF worked hand in hand in creating and delivering an online/offline hybrid training program for the teachers.

With the advantage of NCET's experience in digital education and EF's 50+ expertise in training industry, the program empowers more English teachers in rural areas, fosters equal access to high quality education, and contributes ourselves to support the rural area development.

It is gratifying that EF's Hello Teacher program received the following CSR awards and social recognition:

- Awarded with "Equality in Education Award" in 2019 China Social Impact Awards held by the British Chamber of Commerce
- Awarded with "Corporate Social Value Award" in 2019 Sustainable Business Awards Ceremony held by the European Chamber of Commerce
- Awarded with "Corporate Social Responsibility Leadership Award" in 2019 annual CSR award
- 2019 Best annual CSR case in education industry by Huanqiu.com
- 2020 Golden Bee CSR China Honor Roll
- 2020 Outstanding case of Poverty Alleviation through improving vocation skill held by Shanghai Foreign Investment Association
- 2021 Outstanding Poverty Alleviation Case by Social Responsibility Conference
- Awarded with "Talent Development Award" in 2022 CSR Conference by CSR GlobalNet
- Awarded with "Outstanding Corporate Social Responsibility Contribution" award at the 12th Consumer Quality Assurance media event
- 2023 Rural revitalization Honor Roll by 2023 Social Responsibility Conference



## About EF

EF Education First is a global education company, focusing on language, academic, cultural exchange, and educational travel programs. Founded in Sweden in 1965, EF is proud to be among the first, and, now, one of the largest English education providers in China. With the mission of opening the world through education, we always take the corporation of social responsibility as a significant part of our DNA. Based on our initiatives, we hope to inspire more employees, students, and a broader community to support our mission to open the world through education.

# Google

## Ecological Protection of Typical Highland Grasslands in Hongyuan County | ●

### Theme: Green Development

China is a major grassland country in the world. Grassland is an important part of the ecosystem and the basis for the survival and development of grassland herdsmen. The protection of the grassland ecological environment is of great practical significance to the daily life and economic development of grassland herdsmen.

Located in the northwestern part of Sichuan Province, Hongyuan County sits at an average elevation of over 3,000 meters and is one of China's primary pasture production areas. The integration of information technology can elevate the level of grassland ecological protection. Information terminals can be utilized to collect environmental information, disseminate knowledge related to grassland conservation, and assist herders in practicing sustainable grazing practices to mitigate grassland degradation. This approach empowers herders to pursue economic benefits while alleviating the pressure on grazing lands.

To support the Ministry of Education's Industry-University Cooperation Collaborative Education Program, the Google China team began to fund Southwest University for Nationalities in June 2022 to carry out teaching practice activities around pasture, yaks, and pastoral dwellings on typical pastoral pastures in Hongyuan County. The project uses the mobile phones in the hands of herders to help them achieve scientific and standardized grazing and achieve a virtuous balance between ecological protection and

economic income. At the same time, during the implementation of the project, undergraduate and graduate students in related majors are trained to conduct applied practical teaching that meets the actual needs of plateau herders.



The project team of Southwest University for Nationalities used Google's open-source technology to quickly develop a set of intelligent APPs to reasonably manage pasture, yaks, and pastoral information to improve work efficiency. It is convenient for herders, and it is

also convenient for plateau pasture breeding researchers to carry out their work, helping the cultivation and promotion of high-quality pasture.

Through the smart pasture APP, herders can create and manage their own pastures in the way of standardized pastures. Based on yak images and other information, such as the actual measured body size and weight of yaks, the key points of yaks are manually marked, the model for key point detection of yaks is trained, and the reference method is used to convert the real relevant body size information of yaks, so as to more accurately calculate the real weight of yaks. Now, herders only need to take a picture of yaks with their mobile phones. After the model is inferred, the corresponding body size information of the yaks in the picture can be obtained, and the real weight information of the yaks can be calculated, which is convenient for herders to adjust their breeding strategies in time and realize scientific breeding of yaks.



Typical herder families were selected as pilot projects, and smart APP application practices were carried out on a family basis. Through easy-to-use mobile APPs and virtual pastures, the herders' awareness of ecological environmental protection was enhanced, and the existing agricultural and animal husbandry technology achievements were used to serve herders' animal husbandry production through information technology. In the project APP, grazing planning modules and grass-stock balance modules were specially designed to help herders record the grazing conditions of their own pastures and adjust grazing strategies in time according to the grass-stock balance of the pastures to maximize the use of grassland



resources. The project also used relevant open-source technologies to achieve virtual reconstruction of herders' pastures. Through games, herders were allowed to build their own virtual pastures and virtually graze, incorporating knowledge of grass-stock balance into it, so that herders could learn more about the importance of grass-stock balance when grazing in the cloud, respond to the government's call, and jointly protect the ecological environment.

By supporting China Ministry of Education's Industry-University Collaborative Education Program, we fund universities to utilize open-source technologies and engage in in-depth cooperation with pastoral areas. This initiative aims to precisely address the actual needs of highland herders by developing practical technological products and solutions. Through the power of technology, we strive to bring a better life to herders and inject new momentum into green development.

## CodeUrDream-To Support Students in Rural Areas | ●●

### Theme: Rural Revitalization; Digital Empowerment

With the development of informatization in society, rural schools have gradually realized the importance of information technology education and hope to offer information technology courses or organize programming activities to open the door to the digital world for students. However, in practice, there are many challenges that hinder the smooth development of rural information technology education, including lack of teaching staff, weak student foundation, backward hardware facilities, and other problems.

- **Weak teaching staff:** There is a lack of professional programming teachers in rural areas, and existing teachers have limited programming knowledge, making it difficult for them to independently carry out programming teaching and organize related activities.
- **Weak student foundation:** Rural students generally lack basic computer knowledge and have a vague concept of programming. This makes it very difficult for students to learn programming. At the same time, due to the lack of learning resources and guidance, it is difficult for students to learn and explore independently.
- **Insufficient hardware facilities:** Hardware such as computers, network equipment, and multimedia in rural schools is updated more slowly than that in cities. Some schools do not even have computer classrooms, and schools cannot carry out related programming activities, which seriously affects the programming experience.

Since 2020, with the support of Google, some employees have spontaneously formed the CodeUrDream Volunteering Community, dedicated to opening the door to the world of programming for children in rural China. Over the past four years, more than 250 Google

employees have joined hands with the Xinxin Education Foundation to bring programming courses to rural areas in 15 provinces, lighting up the technological dreams of children. In addition, during Google Charity Week, employees actively raised funds to not only help two schools rebuild school buildings, but also built or upgraded



computer rooms for more than 40 schools, injecting new vitality into rural education.

In 2024, the Google Charity "Compile Dreams" volunteer team embarked on a new journey, focusing on technology-enabled education, bringing an unprecedented new experience to rural teachers and students:

- **"Programming Explorer" series of courses:** In five schools, including Qinghua Xinxin Primary School in Mushroom Beach, Liuhe Township, Yumen City, Gansu Province; the Thirteenth Primary School in Jingbian County, Yulin City, Shaanxi Province; Jinpen Silicon Valley Xinxin Primary School for Women in Gaota Town, Nanjiang County, Bazhong City, Sichuan Province; Mingde Xinxin Primary School in Kaitong Town, Tongyu County, Baicheng City, Jilin Province; and Guangming Xinxin Primary School in Huiyuan Yao Township, Lanshan County, Yongzhou City, Hunan Province, the "Programming Explorer" series of courses were carried out to meet the needs of students with a foundation who want to continue to learn programming in depth and challenge advanced programming.
- **Teacher training:** Provide 60 to 80 school teachers with the opportunity to study offline for half a day. On the one hand, the volunteers explained the latest cutting-edge technologies in an easy-to-understand way, allowing teachers to feel the power of technology. More importantly, the volunteers also shared with teachers how to use these cutting-edge technologies in teaching, boosted teachers' confidence, and encouraged them to bring these cutting-edge technologies to students after the training, so as to give students the wings of technology for their future development.
- **Pairing of urban and rural schools:** A journey of educational exchange across urban and rural areas has begun. Students from international schools around Shanghai joined hands with Google volunteers to tailor a series of colorful courses for a rural school. Through online and offline interactive exchanges, urban and rural students broke





geographical barriers and explored the mysteries of knowledge together. They grew and progressed together, laying a solid foundation for future development.

- **Introductory Programming Course:** In order to give more children the opportunity to get in touch with programming and ignite their passion for technology, volunteers actively encouraged schools that have never carried out programming activities or have weak students to organize introductory courses. Volunteers carefully designed a series of easy-to-understand and interesting programming courses, starting from the most basic programming concepts, and gradually guiding students to master the basic skills of programming. Through interactive teaching and practice, students can learn programming in a relaxed and pleasant atmosphere, stimulating their interest in learning and desire to explore.
- **Programming popularization lectures:** The volunteer team carefully organized programming popularization lectures for students who could not experience programming in the computer room. Through lively and interesting interactive forms, they introduced the most popular cutting-edge scientific and technological knowledge and practical application cases to students in the classroom during normal classes, so that students can appreciate the infinite charm of science and technology and stimulate their enthusiasm for scientific and technological innovation.
- **School building renovation and computer room upgrade:** In addition to programming activities, the team also funded the renovation of Xinxin Central Primary School in Tanshan Town, Jiangxi Province and Fanzhuang Central Primary School in Yanshan Town, Hebei Province through Google Charity Week. At the same time, it funded computers, projectors and other equipment for the computer room upgrade projects of more than 40 schools, benefiting tens of thousands of students.

In the future, "Compilation Dream" will continue to explore innovative educational methods, bring more learning opportunities to rural children, inject continuous power into rural education, and help more rural children realize their dreams, change their destiny with knowledge, and create the future with technology.

We will give full play to the enthusiasm and programming advantages of Google employees, open the door to the world of programming for rural children through online teaching and offline participation, let them get in touch with cutting-edge technology, and cultivate logical thinking and innovation. We will plant the seeds of love for science and courage to explore in children's hearts, ignite their hope for the future, and contribute to narrowing the urban-rural education gap and promoting educational equity.



## About Google

Google's mission is to integrate global information so that everyone can access and benefit from it. Through products and platforms such as Search, Maps, Gmail, Android, Google Play, Chrome, YouTube, and more, Google plays an important role in the daily lives of billions of users around the world and has grown to become one of the most recognizable brands in the world. Google is a subsidiary of Alphabet.

Google Inc. arrived in China in 2005, and currently has offices in Beijing, Shanghai, and Shenzhen, with employees mainly engaged in R&D and sales.

G

## HPE

### Empowering Sustainable Development in China with Innovative Solutions and an as-a-Service Approach | ●●

#### Theme: Green Development; Digital Empowerment

Since the Paris Agreement in 2015, China has been committed to a low-carbon, sustainable future. In 2020, China set ambitious "dual carbon" goals to peak carbon dioxide emissions by 2030 and achieve carbon neutrality by 2060, showcasing its major global responsibility. China's current focus is on developing "new quality productive forces" characterized by high-tech, high-efficiency, and high-quality advancements. This strategy prioritizes innovation to break away from traditional economic growth models and achieve sustainable development.

As a purpose-driven, global technology leader, Hewlett Packard Enterprise (HPE) has long embraced the importance of sustainable development, resonating with China's focus on driving a sustainable, low carbon economy. HPE, along with a growing number of its customers, agree that enterprises of an important role to play in addressing climate change. In 2022, HPE announced that we will accelerate our net-zero target by 10 years, from 2050 to 2040. Today, we are one of only three global IT companies with a net-zero target of 2040, approved by the Net-Zero Standard of the Science Based Targets initiative (SBTi). Additionally, our roadmap to net-zero includes a new set of science-based targets (SBTs)—in line with a 1.5°C climate scenario. HPE makes substantial investments in innovative research and development to minimize the carbon footprint of IT products across the entire value chain from manufacturing, delivery, and use, to end-of-use. Since entering the Chinese market, HPE has upheld its "In China, For China" promise, fostering continuous innovation over the past 40 years to deliver customized digital solutions to local customers alongside its partners. This collaborative approach has accelerated digital transformation across industries, promoting sustainable development in the process.

Approximately 80% of an enterprise IT product's carbon footprint typically comes from the customer use phase. The remainder is primarily due to "embodied carbon"—emissions from manufacturing that occur upstream and distribution that occur downstream. Analyzing the carbon footprint across the entire value chain revealed that nearly two-thirds of HPE's total carbon emissions are attributable to the customer use of our solutions. To help enable customers' sustainable digital transformation, HPE develops sustainable IT solutions



by guiding customers to consider how to improve four different aspects of IT efficiency, namely: equipment efficiency, energy efficiency, resource efficiency and software efficiency. In addition, HPE GreenLake, our as-a-service platform, enables customers to flexibly scale their IT up and down to meet their needs on a consumption basis. This helps enterprises improve utilization rates and reduce overprovisioning, helping them to improve their carbon footprint.

### **HPE GreenLake as-a-Service Model Enhances IT Operational Efficiency to Improve IT Sustainability**

Deploying IT infrastructure during digital transformation requires substantial capital investment, with additional energy consumption and carbon emissions. HPE tackles this challenge by helping enterprises develop plans aligned with business needs through CAPEX (capital expenditure) and OPEX (operational expenditure) models. On the OPEX side, the HPE GreenLake platform offers an as-a-service model that enables customers to flexibly scale their IT to meet business needs, improving utilization levels for devices and resources, and reducing overprovisioning. This agile approach facilitates business growth while simultaneously reducing total cost of ownership and improving carbon footprint. Enterprises shifting from traditional fixed asset deployment to the HPE GreenLake can achieve substantial business value and support environmentally sustainable IT operations by minimizing infrastructure needs. HPE's latest Living Progress Report for fiscal year 2023 highlights that 36% fewer servers were required by using HPE GreenLake for equivalent workloads, a 53% reduction in infrastructure energy consumption, and a 26% reduction in

energy costs.

Currently, HPE GreenLake has over 1250 partners across the globe, serving customers in telecommunications, automotive, finance, steel, petrochemical, and other industries. This “as-a-service” model has been successfully adopted and replicated in many global enterprises. Among them, Danfoss, a global leader in electrification, digitalization, and intelligent manufacturing, has collaborated with HPE for many years, working together on sustainable development at a global scale. This strategic cooperation serves as a great example of leveraging innovative technologies to achieve decarbonization and emission reduction in industrial intelligent manufacturing.



## HPE Collaborates with Danfoss in a Three-Step Decarbonization Strategy: Reduce, Reuse, and Re-source

With a longstanding presence in China, Danfoss offers products and services across refrigeration, air conditioning, commercial buildings and residential heating, urban district energy, motor control, power modules, wastewater treatment, mobile and industrial hydraulics, and electrification. To serve its sustainability goal, Danfoss has developed a three-step approach to reduce, re-use and re-source energy. To deploy the approach, first, energy-efficient solutions are applied to reduce energy consumption, then efforts are made to re-use excess heat energy wherever possible, and finally the company works to phase out fossil fuels and source remaining energy demands from renewable sources.

A long-term HPE customer and partner, Danfoss has integrated various HPE GreenLake solutions across its value chain, embedding AI and machine learning technologies to

decarbonize some of the heaviest industries in the world. Danfoss chose HPE GreenLake for SAP S/4HANA® Cloud in its datacenters to accelerate their sustainable cloud strategy. This innovative solution enables Danfoss to enjoy the benefits of a cloud experience while keeping their mission-critical SAP workloads in a private environment. In addition, it ensures security, and significantly reduces energy consumption and carbon emissions, achieving “three-in-one” benefits. Moreover, Danfoss is partnering with HPE across its global operations to retire its IT assets through HPE Asset Upcycling Services, a solution that enables responsible decommissioning and refurbishment of end-of-use equipment, while recovering economic value from those assets.

At the recently concluded HPE Discover 2024, HPE and Danfoss advanced their collaboration further by announcing HPE IT Sustainability Services – Data Center Heat Recovery. It is inspired by how Danfoss is already using heat reuse technology at its own headquarters campus in Denmark. The off-the-shelf heat recovery module is helping organizations manage and value excess heat as they transition towards more sustainable IT facilities. The heat reuse modules capture excess heat from data centers and utilize it to provide renewable heating to neighboring buildings, and even local district heating networks. It provides clean energy for residents. Additionally, HPE’s scalable Modular Data Center (MDC) incorporates direct liquid cooling (DLC) technologies to enhance energy efficiency by over 20% . This technology aids enterprises in transitioning to more sustainable IT infrastructure, effectively managing and utilizing excess heat for added value. The cross-industry partnership between HPE and Danfoss exemplifies the decarbonization of data centers, and paves the way for the next generation of sustainable datacenters – utilizing technologies available today.





Leveraging the HPE GreenLake platform, Danfoss is optimizing IT resource management globally, reducing operational costs, and continuously advancing its reduction and reuse strategy, empowering Danfoss to achieve its sustainable development and carbon reduction goals. Building upon China's 'new industrialization' direction, we will accelerate the adoption of HPE GreenLake in China to infuse cutting-edge technology into the industrial chain, promoting a high-end, intelligent, and sustainable manufacturing industry.

### Ending

The HPE GreenLake edge-to-cloud platform solution integrates advancements in both product technology and business model innovation, driving HPE's exploration of sustainable development. By offering flexible and efficient IT solutions, it inspires organizations to achieve energy conservation, emission reduction, and business resilience. This signifies HPE's sustainable development efforts towards a "new industrialization" direction, delivering the solution for China's sustainable development. The 2023 Living Progress Report demonstrates HPE's comprehensive portfolio of sustainable and responsible IT offerings that help customers reduce the environmental impacts of their growing IT needs across the entire IT lifecycle. HPE's portfolio aims to meet customer needs across three critical areas of their sustainable IT journeys: enabling sustainable transformations, empowering customers with environmental insights, and delivering low-carbon and responsible solutions. Looking ahead, HPE will continue to strengthen industry cooperation, offering customized IT solutions to accelerate Chinese enterprises toward the dual carbon goals, co-creating an eco-friendly, intelligent, and sustainable future.

### About Hewlett Packard Enterprise (HPE)

Hewlett Packard Enterprise (NYSE: HPE) is the global edge-to-cloud company that helps organizations accelerate outcomes by unlocking value from all of their data, everywhere. Built on decades of reimagining the future and innovating to advance the way people live and work, HPE delivers unique, open, and intelligent technology solutions as a service. With offerings spanning Cloud Services, Compute, High Performance Computing & AI, Intelligent Edge, Software, and Storage, HPE provides a consistent experience across all clouds and edges, helping customers develop new business models, engage in new ways, and increase operational performance. Recently, HPE released its 2023 Living Progress Report (annual ESG report for the ninth consecutive year), the Chinese version will be released soon. The report aims to actively promote corporate social responsibility, drive sustainable development, promote the circular economy, and implement eco-friendly innovation in a wider range of business areas.

## Kenvue

### Western Tour of Health at Grassroots Level and Healthy Shaanxi Action: CSR Program of Allergic Rhinitis Prevention and Treatment | ●

#### Theme: Rural Revitalization

*The Opinions of the Central Committee of the Communist Party of China and the State Council on Comprehensively Promoting the Key Work of Rural Revitalization in 2023* states that it is necessary to "strengthen the capacity building of health care and medical security services at two rural levels, so as to promote health of rural residents to the highest level." Rural revitalization cannot be achieved without the comprehensive construction of a Healthy China.

Due to environmental and lifestyle factors, recent years have been witnessing the increasing incidence of allergic rhinitis in China, with some outstanding regional cases. Yulin, Shaanxi is a typical region with a high incidence of seasonal rhinitis. In the early years of sand prevention and control, artemisia plants played an important role, but its pollen is also a major cause of allergic rhinitis. The average prevalence of rhinitis in Yulin is 21%, and as high as 27.3% in urban areas, with 300,000 people more apt to incidence of rhinitis, accounting for 12% of the entire population. As such, local people have suffered a great deal from rhinitis – an endemic. The Yulin Municipal Government attached great importance to the prominent issue, and prioritized prevention and control of allergic rhinitis as the No.1 task of Yulin's "ten big things to improve people's livelihood in 2023." With regards to the health and well-being of Yulin people, it is of great significance to continuously improve disease awareness, diagnosis, and scientific treatment of rhinitis.

From May to December 2023, the "Western Tour of Health at Grassroots Level and Healthy Shaanxi Action: CSR Program of Allergic Rhinitis Prevention and Treatment," organized by Shaanxi Red Cross Foundation and supported by Kenvue China, was carried out in Yulin, Shaanxi Province. Kenvue China donated more than RMB 2.4 million worth of goods, including 30,000 boxes of budesonide nasal spray (Rhinocort), to help reduce the burden of treatment for local allergic rhinitis patients. Through standardized diagnosis and treatment training (online and offline), free diagnosis, and a flow of doctors at higher level medications to those in rural areas for disease education and treatment enhancement, this initiative promoted the extension of high-quality medical resources to grassroots level, improved the diagnosis and treatment level, disease awareness and drug accessibility in rural areas, and played an active part in helping the local government to address the practical matters concerning people's livelihoods and support the building and sharing of a Healthy China.





## Selected Best Practices



Leaders from the Chinese Red Cross Foundation, Shaanxi Provincial Health Commission, Shaanxi Red Cross, Shaanxi Red Cross Foundation, CPC Municipal Committee of Yulin, Yulin Health Commission, Yulin Red Cross, and Kenvue China attended the launching ceremony.



Free Medical Consultation of Yulin Second Hospital



线上 + 线下规范化诊疗培训

As Bei Xiaochao, Director of the Chinese Red Cross Foundation, emphasized, "Everyone is the No.1 person responsible for his or her own health. The prevention and treatment of common diseases, such as allergic rhinitis, is not only a matter of personal health, but also has a far-reaching impact on the healthcare system and society as a whole. The public welfare program initiated by the Chinese Red Cross Foundation and Kenvue China has already started from Yulin and will extend to a wider range of western regions, setting a role model for improving the diagnosis and treatment of common diseases at grassroots medical institutions, reducing the disease burden on the grassroots medical system, and raising the quality of life for the public."

### About Kenvue

With US \$15 billion in net sales in 2022, we are the world's leading pure-play consumer health company by revenue. Previously known as Johnson & Johnson Consumer Health, Kenvue became a fully independent company following its listing on the NYSE in May 2023. Throughout a history spanning over 135 years, we have been a part of consumers' daily rituals and in the moments that matter most. Today, Kenvue touches the lives of approximately 1.2 billion people in 165 countries and regions.

At Kenvue, we believe in the extraordinary power of everyday care. With more than 22,000 employees globally, we deliver products and solutions that are science-backed and trusted by healthcare professionals around the world. Through a portfolio of iconic brands that includes Tylenol®, Motrin®, Rhinocort®, Hismanal®, Daktarin®, Motilium®, Neutrogena®, Dr.Ci:Labo®, Aveeno®, Listerine®, Johnson's®, Dabao® and BAND-AID® Brand Adhesive Bandages, we put the power of science in consumers' hands and bring a new view of everyday care to the world.

Kenvue has a longstanding connection with Chinese patients and consumers that stretches back to the 1980s. Today, we operate one R&D center, four manufacturing plants, and ten distribution centers across the country, with regional headquarters in Shanghai and offices in Beijing, Guangzhou, Shenzhen, Xi'an, and Hangzhou. We are home to a diverse team of 1,800 professionals who are passionate about health, innovation, and making an impact on the lives of people through the power of everyday care.

# Mastercard

## Empowering a Green and Low-Carbon Economy with Payments and Driving Shared Prosperity and Success | ●

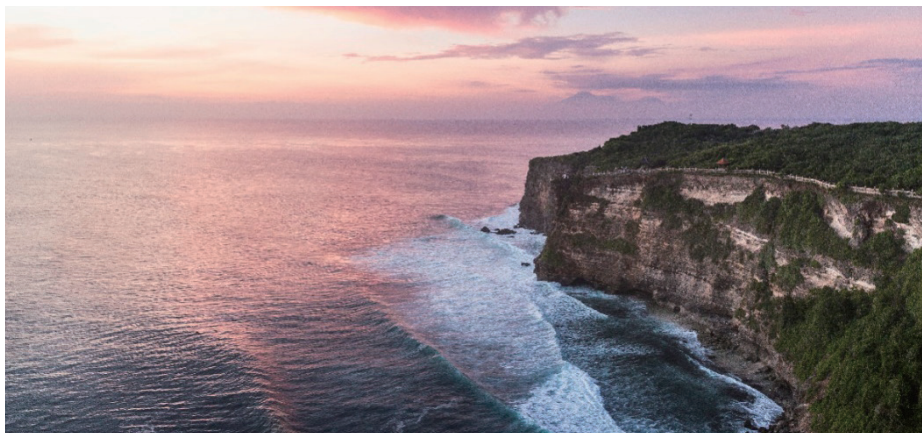
### Theme: Green Development

At Mastercard, our aspiration is to power economies and empower people, building a sustainable world in which everyone prospers. Mastercard is making steady progress toward this vision by setting and upholding standards and principles, ensuring the responsible use of technology, and striving to foster trust in innovation. Our environmental, social, and governance (ESG) strategy is expressed through three pillars:

- People: Empowering people to reach their full potential
- Prosperity: Fostering prosperity around the world
- Planet: Preserving the planet for future generations

Mastercard has made a long-term and relentless commitment to green development. At the global level, key initiatives include accelerating our net zero timeline from 2050 to 2040, launching the global Sustainability Innovation Lab, introducing sustainable business solutions such as the Mastercard Carbon Calculator, and establishing the Mastercard Sustainable Materials Directory, enabling issuers to offer 60 million cards made from certified eco-friendly materials.

We are dedicated to reducing our emissions and consumption of resources and to ensuring that this commitment is integrated into our daily operations and partnerships across sectors. Through innovative solutions, we aim to create value for clients and consumers while minimizing our carbon footprint.



In China, guided by the "Shared Prosperity and Success" strategy, Mastercard seeks to collaborate across sectors to effectively promote green and low-carbon development within China's payment industry and national economy. Recognizing the challenges of implementing green and low-carbon initiatives, particularly for consumers who often struggle to make a real impact through their individual efforts, we aim to lower the barriers to public participation and integrate sustainable practices into everyday life. Payments, as the most frequently used financial service, can be a powerful enabler of low-carbon behavior. By establishing effective mechanisms, we are confident that we can help the vast number of consumers make a positive impact on the environment with every payment they make.

### Priceless Planet Coalition

For example, in collaboration with more than 100 domestic and international partners, including China Construction Bank, China Guangfa Bank, and Ping An Bank, Mastercard's Priceless Planet Coalition initiative aims to restore 100 million trees around the world to mitigate climate change. To this end, Mastercard has embedded green and low-carbon principles into its credit cards: for every purchase made by cardholders, the Priceless Planet Coalition will give back by funding tree restoration. In this way, cardholders can effortlessly contribute to environmental sustainability, and our partner banks will benefit from enhanced brand reputation and increased revenue opportunities while fulfilling their social responsibilities.



## Carbon Calculator

In addition to restoring trees, Mastercard is also committed to reducing carbon at the source. In China, in collaboration with local partners we have developed a carbon emission calculator which enables cardholders to track and understand the carbon footprint of every purchase they make, thereby encouraging conscious consumption that helps reduce carbon emissions without discouraging spending.

Mastercard believes that sustainable business growth is only possible if it benefits all stakeholders. This is not only closely tied to our vision, the “Why,” but also to our most fundamental business strategy, the “What,” and how we will build a fairer and more prosperous world while creating long-term value for our shareholders and building trust with our stakeholders.



## About Mastercard

Mastercard is a global technology company in the payments industry. Our mission is to connect and power an inclusive digital economy that benefits everyone everywhere by making transactions safe, simple, smart, and accessible. Using secure data and networks, partnerships, and passion, our innovations and solutions help individuals, financial institutions, governments, and businesses realize their greatest potential. With connections across more than 210 countries and territories, we are building a sustainable world that unlocks priceless possibilities for all.

# McDonald's China

## Accelerate “Green Growth Engine”, Fully Support Building a Beautiful China | ●

### Theme: Green Development

McDonald's China witnesses China has made unprecedented efforts to promote ecological civilization and made great achievements in building a Beautiful China in the past decade. While the development of McDonald's China is an accelerating green journey. McDonald's China upholds the purpose of “to feed and foster communities;” believes “scale for better;” accelerates inner driving force of “Green Growth Engine” with green restaurant, green supply chain, green package, and green recycle as the focuses; and makes joint contributions to building a Beautiful China together with the upstream and downstream of the industrial chain.

### Open Green Restaurant, Expedite Energy Saving and Emission Reduction

Restaurants are the core of McDonald's China business. Customers enjoy food and communicate and exchange in restaurants everyday. McDonald's China pays particular attention on how to reduce environmental impact in the opening and operation of restaurant. Since 2018, McDonald's China has started to design and open new restaurants in line with the green building standard of Leadership in Energy and Environmental Design (LEED). McDonald's China has opened over 3000 LEED certified green restaurants, which can yearly reduce 80,000 tons CO2. McDonald's China owns the largest numbers of LEED certified projects in the world. For those older restaurants, McDonald's China continuously updates equipment and optimizes management. Nowadays, 95% of the newly opened restaurants are LEED certified. Thanks to the accelerating speed of opening new restaurant, McDonald's China can open a certified green restaurant in every 10 hours.

McDonald's China also explores how to make innovative breakthroughs on emission reductions in restaurants, opens “Zero Carbon restaurant,” and achieves a new leap on green restaurant innovation by zero carbon model. By linking effort at selected spots with that in entire areas, McDonald's China actively established green restaurant system, and set up a new green model for the entire catering industry in China. In 2022, McDonald's China opened its first restaurant to receive LEED Zero Carbon certification and Zero certification



M for net zero energy – a Drive-Thru restaurant in Shougang Park Beijing. The restaurant is expected to become the very first in the industry to meet dual LEED Zero Carbon Emission and Zero Energy Consumption standards in China and the wider Asia Pacific region. The site features more than 2,000 m<sup>2</sup> of on-site solar panels that are expected to generate approximately 330,000 kWh annually – enough to cover the site’s daily operational power needs. It will reduce 200 tons CO<sub>2</sub> emission every year. The restaurant, equipped with a full set of energy saving and loss reducing system, not only provides a peaceful and comfortable dining environment for customers, but also reduces yearly average electricity consumption by 35 to 40% compared with average level in catering industry. McDonald’s China also display the real-time data of energy consumption and electricity produce in the zero carbon restaurant, together with other green experience, such as family charging bikes, chairs made with plastics, and waste and environment protection games for kids, to make customers feel that they could make contributions to green and low-carbon development by many means in their daily life. In March 2024, McDonald’s China opened the very first zero carbon restaurant equipped with solar panels and energy storage facilities. Its solar panels could generate approximately 55,000 kWh annually-enough to cover the site’s lighting needs, and the energy storage facility could ensure green energy supply in all weathers.

## Establish Green Supply Chain, Set Industry Benchmark

McDonald’s China orders over 300 kinds of food materials yearly, 90% of them are sourced

or produced in China. McDonald's China makes great efforts to establish highly efficient green supply chain to reduce carbon footprint in supply chain. McDonald's China, hand-in-hand with partners in supply chain, jointly explores sustainable agricultural supply chain to provide fresh safe natural high-quality food materials to customers and make the supply chain greener.

Built upon the past success of sustainable supply chain, McDonald's China, jointly with 9 suppliers, launched Regenerative Agriculture Program, with the aim to promote regenerative agriculture ideas and practice in a systematic manner and large scale, which makes contribution to the protection and restoration of agricultural ecological environment, and make good food materials and nature continuous reproduction breed in an endless succession. Meanwhile, McDonald's China, by regenerative agriculture practice, will promote the development of green low carbon agriculture, support addressing global climate change, and promote rural revitalization. From 2023 to 2028, McDonald's China Regenerative Agriculture Program phase one, McDonald's China will take four major actions, including to promote regenerative agriculture concepts by training over 2,000 backbone farmers and agriculture management personnels which could also help 20,000 farmers improve capacity, upgrade testing pilots, implement regenerative agriculture practice in line with China agriculture reality, and foster regenerative agriculture cooperation ecosphere.

McDonald's China also cooperates with international authorized standards, decreasing the impact on the environment by sustainable sourcing. McDonald's China requires coffee beans to be Rainforest Alliance Certified™ and 3,500 tons fish yearly sourced for McDonald's Filet-O-Fish to be certified by Marine Stewardship Council (MSC).

M







### Promote Green Packaging, Reduce Plastic

McDonald's China uses greener packages, with customers' dining experience secured as prerequisite. McDonald's China requests all wood fiber sourced to be Forest Stewardship Council (FSC) certified to support sustainable forest, which makes McDonald's China the very first large chain enterprise that meets this ambitious goal. McDonald's China also reduces paper using by 20% by optimizing package cutting and size design. McDonald's China has stopped using plastic straws, and shifted to using straw-free cup lids, which can reduce 400 tons plastic yearly. McDonald's China also takes the lead in using paper packing bag and biodegradable beverage take-away bag. McDonald's China is expediting innovative material development. By approximately 2025, 100% of McDonald's guest packaging will come from renewable, recycled or certified sources.

### Promote Green Recycle, Advance Circular Economy

With "Recycle for Good" project as key platform, McDonald's China uses plastic waste from its restaurants and value chain to redesign and manufacture new items that restaurants and customers need and breathes a new life into the plastic waste. "Recycle for Good" project has launched lovely baby elephant, baby chair, and charging bike. In 2022, McDonald's China launched a new outcome of "Recycle for Good" project — Green Dining Plate. It is made with plastic waste from McDonald's restaurants and catering industry, reducing carbon footprint by 40%. The patten of ripping in the center of the plate stands for converging water-drops into wave, displaying the environment protection concept of linking green, community, and dining plate in McDonald's restaurant. McDonald's China also pays attention on reusing the waste and used cooking oil from its restaurants, managing to turn waste into treasure.

McDonald's China will leverage its big advantage of linking with millions of consumers to inculcate green low carbon development concept into consumption process, which will encourage consumers to start with small things around themselves and converge individual low carbon action into huge driving force to promote green development.

All in all, McDonald's China will make persistent efforts and accelerate "Green Growth Engine" to create better future for the next generation.

### About McDonald's China

McDonald's is a world-leading food service brand with over 40,000 restaurants across the globe, serving more than 68 million people every day, ranking 217th on Forbes' The World's 2,000 Largest Public Companies 2023, and 5th on BrandZ Top 100 Most Valuable

Global Brands 2023. McDonald's mission is to make delicious feel-good moments easy for everyone. Across the business, McDonald's strives to live up to its purpose, to feed and foster communities.

The first McDonald's restaurant in the Chinese mainland opened in 1990. In 2017, McDonald's China became International Developmental Licensed Markets, with CITIC Consortium on board as the holding stockholder. This significantly empowers McDonald's China to accelerate localized growth. As of the end of 2023, there are over 6,000 restaurants and over 200,000 employees in the market. China has become the second largest and fastest-growing market of McDonald's.

McDonald's China is committed to providing great taste and great value anytime anywhere. With multiple business platforms including restaurants, McDelivery, McCafé, Dessert Kiosk, and Drive-Thru, McDonald's China proudly serves a menu with global classics and local favorites, such as Big Mac, French Fries, Spicy Chicken Filet Burger, and McCrispy Chicken. Guided by our purpose "Feed and Foster Communities" and passion for food, planet, people, and community, McDonald's China drives high-speed business growth with its green growth engine by developing green restaurant, green supply chain, green packaging and green recycle. In addition, it is also committed to youth development and "Ronald McDonald House Charities."

# Merck

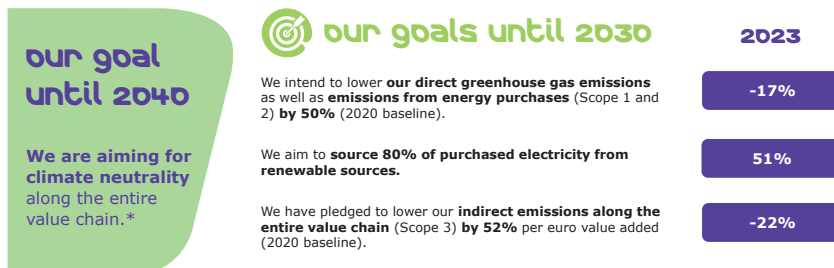
## Green Sustainable Development Solutions | ●

### Theme: Green Development

With a 356-year legacy as a science and technology leader, Merck has sustainability deeply ingrained in its core. Merck places a strong emphasis on environmental sustainability and has implemented a comprehensive strategy to guide our environmental management practices. Our governance framework prioritizes the integration of environmental considerations into all decision-making processes.

### Protect the Planet with Green Practices

In China, we actively respond to Merck's global environmental goals and commitments.



Merck is committed to using resources responsibly and recognize that the circular economy offers highly beneficial opportunities for business, the environment, and society. In addition, the circular economy is a driver of innovation and an essential framework for achieving our sustainability goals.

## Merck China Sustainability Performance Highlights 2023-2024

### *Protecting the Environment, Saving Energy, and Reducing Carbon Emissions*

<b>Greenhouse gas emissions (Scope I + Scope II)</b>  <b>25,338</b> tons of carbon dioxide  <b>45% reduction from 2020</b>	<b>Percentage of green electricity use</b>  <b>42%</b> <sup>1</sup>
	<b>Total water consumption 24.3</b> 万cubic meters  <b>14% reduction from 2020</b>

Note 1:  $\text{Proportion of green electricity use} = \frac{\text{green electricity use}}{\text{total electricity purchased}}$

### *Empowering Employees for a Culture of Inclusion and Diversity*

Total number of employees	Female employees	Female managers	Inclusiveness Index Score
<b>4,385</b>	<b>53%</b>	<b>46%</b>	<b>88%</b>

### *Build Green Factories*

To achieve Merck’s global environmental goals and commitments, all Merck factories in China strictly comply with local laws and regulations while continuously improving environmental management systems, adopting new technologies, reducing the environmental footprint in various activities and production processes, and promoting the rational and effective use of resources.

Merck China has actively responded to the "Double Carbon" goal by adopting a "three-pronged" carbon neutral strategy to address climate change with locally adapted low-carbon operational initiatives.

**Merck China's "Three-Pronged Approach" to Carbon & Energy Reduction**



**Improve energy efficiency**



**Install rooftop PV**



**Purchase of Green Power**

**Enhancing Energy Efficiency**

Merck China has always paid close attention to energy consumption and management. We have actively carried out efficiency improvement measures and built an energy management platform to optimize and regulate energy supply using real-time production and equipment data collected.

We are leveraging artificial intelligence AI and IIoT technologies at our Nantong pharmaceutical site to optimize the efficiency of energy use in chiller plants. By connecting smart sensors to the chiller system, our chiller system is able to perform real-time control based on accurate data and demand forecasts, enabling it to reduce its energy consumption by an average of about 20%.

**Installation of Rooftop Photovoltaics**

- **Life Sciences Site:** Our life sciences base, Mobius® Disposable Technology Products Manufacturing Base Center, currently has 880 KW capacity grid-connected solar panels installed, achieving an average power generation of 1,050 MWh/year and an average CO2 reduction of 646 tons/year.
- **Electronics Site:** Total carbon reduction of 2,582 tons from 2016-2023 from solar panel installation at Jinqiao plant.

**Purchase of Green Power:**

In 2021, we launched the DPPA Green Power Purchase Agreement to successively realize the renewable energy transition by purchasing green power. Merck China has participated in green power trading since 2021.

On January 25, 2024, Merck signed a 10-year green power purchase agreement with China Resources Power Holdings Limited ("CR Power"). This is Merck's first long-term green power procurement program in China, with a total of 300 gigawatt hours (GWh) of green power purchased over ten years. After the implementation of the agreement, the proportion of green power used in Merck's production and operation in China will be increased to 60%, and Scope 2 carbon emissions will be reduced by 185,000 tons. At the same time, the PPA transaction process is based on blockchain technology, which realizes the tracking and tracing of renewable energy's whole life cycle and guarantees the authenticity of green

power consumption. Upon completion of each transaction, Merck China will receive a "Green e-Certificate" issued by the National Renewable Energy Information Management Center. This certificate is the "electronic identity card" of green power and the only proof of green power consumption.

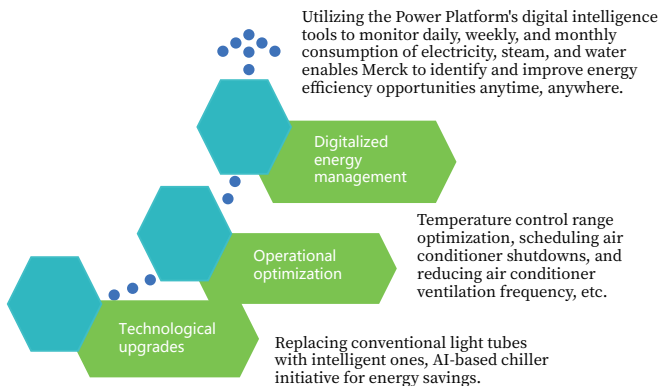
## Merck China's Life Science Wuxi Manufacturing Site Helps Save Energy and Reduces Emissions Through Technological Upgrading

At our Life Science Wuxi Manufacturing Site, we did a series of technical upgrading to save energy and reduce emissions. Real-time energy consumption monitoring was made possible through technological innovation.

The Mobius® Center also has a clear roadmap for sustainability to meet annual energy savings and carbon emission reduction targets. In 2024, the Mobius® Center's office building was awarded the LEED Platinum certification and the production warehouse building will apply for the LEED Silver certification along with the certification of national-level green factory.



### Energy efficiency management at Healthcare Nantong Manufacturing Site

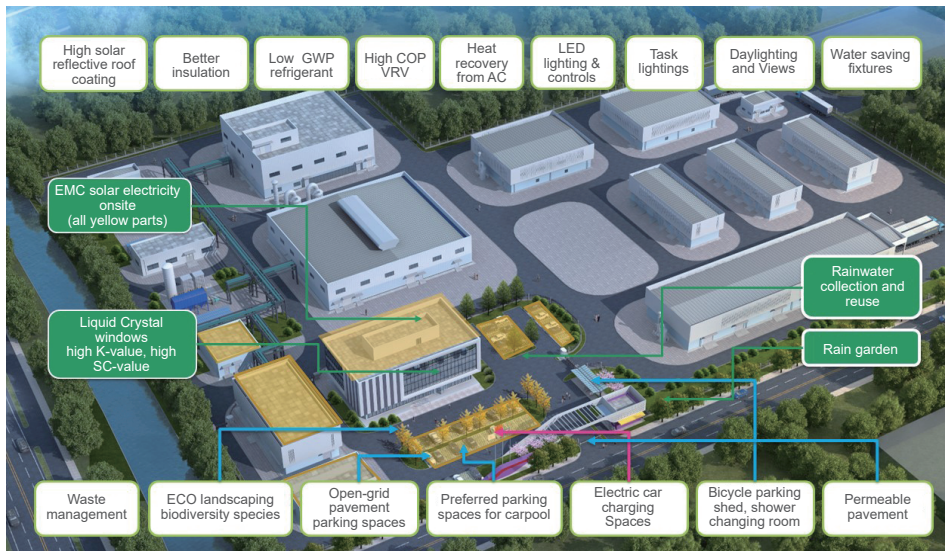


**CO<sub>2</sub>** In 2023, energy saving projects in Healthcare Nantong Manufacturing Site contributed to 47% GHG reduction (baseline 2022).

## Merck China's Electronics Semiconductor Solutions Site Aims for a Green Factory

At present, all of Merck China's manufacturing sites have obtained ISO14001 environmental management system certifications, including the existing manufacturing sites in the electronics sector (Jinqiao plant, Suzhou plant, and Waigaoqiao plant). In addition, the Waigaoqiao plant has obtained ISO50001 international energy system certification and is certified as a municipal-level green factory in Shanghai.

Merck China's Electronics integrated Semiconductor Solutions Site in Zhangjiagang adopted strict environmental health and safety standards. Through the implementation of full recycling of production wastewater, green energy procurement, solar panel power supply system, rainwater garden and other initiatives, we strive to provide our customers with sustainable innovations and technology, integrate sustainability into our whole value chain while fully supporting the achievement of Merck's climate neutrality goal by 2040.



In addition, the energy conservation program at our Electronics sites has yielded excellent results.

### About Merck

Merck, a leading science and technology company, operates across life science, healthcare and electronics. Around 63,000 employees work to make a positive difference to millions of people's lives every day by creating more joyful and sustainable ways to live. From providing products and services that accelerate drug development and manufacturing as well as

discovering unique ways to treat the most challenging diseases to enabling the intelligence of devices – the company is everywhere. In 2023, Merck generated sales of € 21 billion in 65 countries.

Scientific exploration and responsible entrepreneurship have been key to Merck’s technological and scientific advances. This is how Merck has thrived since its founding in 1668. The founding family remains the majority owner of the publicly listed company. Merck holds the global rights to the Merck name and brand. The only exceptions are the United States and Canada, where the business sectors of Merck operate as MilliporeSigma in life science, EMD Serono in healthcare, and EMD Electronics in electronics. Merck has been operating in China for more than 90 years. At present, Merck has nearly 4,500 employees in China and 21 legal entities in Beijing, Shanghai, Nantong, Wuxi, Suzhou, Zhangjiagang, Hong Kong, etc.



# Micron

## Continuing Commitment to Corporate Citizenship and Our Sustainability Goals in China | ●●●

Theme: Green Development; Rural Revitalization; Digital Empowerment



Every day, the innovations that our people create fuel the data economy, enabling advances in artificial intelligence (AI) and compute-intensive applications that unleash opportunities — from the data center to the intelligent edge and across the client and mobile user experiences. Micron’s team members live our values: collaboration, customer focus, innovation, people, and tenacity. We share a common goal to pursue technology, product innovation, and manufacturing excellence for our customers, partners, communities, and society. For nearly 45 years and with more than 52,000 patents granted (and growing), Micron has delivered products that have helped transform how the world uses information to enrich life for all.

Micron has been investing in China for more than 20 years, with a strong presence especially

in Xi'an, Shanghai, Beijing, and Shenzhen. Since 2007, Micron has operated manufacturing facilities in the Xi'an High-Tech Zone. For the past 17 years, we have been the top importer and exporter by volume in Shaanxi Province, significantly contributing to provincial and local economic development. Over the years, Micron has implemented numerous actions that implement Micron's environmental goals and promote local community partnerships. We are committed to building Micron's first sustainability center of excellence (CoE) in Xi'an.

## Micron's Environmental Sustainability Goals

### *Waste Management*

Waste is often disposed without considering ways to minimize the generation of waste or reuse and recycling opportunities. Efficient resource utilization can minimize the generation of waste, streamline value chains, and reduce carbon footprints at a societal level. Effective waste management is now a benchmark for responsible corporate operations.

Micron is committed to optimizing process recipes to reduce chemical waste generation, implementing alternative chemistries, improving waste segregation methods, and collaborating with vendors on reuse, recycling, and recovery solutions.

Micron's Xi'an site, through systematic management, has achieved a 99.7% waste reuse, recycling, and recovery rate and zero waste to landfill, ahead of Micron's corporate-wide goal. Because of this latter accomplishment, the site is pursuing a zero waste to landfill management certification by 2025. Micron's waste management efforts include the following measures:

- **Minimize waste generation and explore resource utilization:** Micron Xi'an site implements measures to minimize the generation of solid waste by improving efficiency in raw material usage and other process optimization efforts. The waste management team is actively exploring new efficient resource utilization methods to "shift left" by reducing the amount of waste created in our processes.
- **Improved waste tracking system:** Micron's Xi'an site launched an electronic waste management system in 2022. It consolidates and improves the tracking of waste generation, storage, transportation, and disposal of the site's waste streams. This tool enhances traceability of waste reuse, recycling, and recovery pathways and promotes progress toward our environmental sustainability goals.
- **Work with selected suppliers:** In the bidding process for waste vendors, Micron not only evaluates each vendor's recycling operation from beginning to end, but Micron also encourages its vendors to target reductions in their direct and indirect carbon emissions.

### Water Conservation

Water is an important resource for all. Climate change influences the availability of freshwater resources and increases the incidence of severe weather events. These risks impact local communities and can affect industrial production, necessitating action by governments, communities, and industry alike.

As part of our global water resource management efforts, Micron is targeting 75% water conservation by 2030. To date, Micron Xi'an is advancing water conservation through the following projects:

- **Water reuse and recycling projects:** Micron Xi'an has upgraded its circulating water system to reduce sludge generation and increase the total amount of reused water. Additionally, the Xi'an site recycles air conditioning condensate by reusing it in cooling towers, reducing tap water consumption, and raising the factory's water conservation rate to 55%.
- **Local community water restoration:** At the community level, in March 2024, Micron announced to donate RMB 10 million to the Water Cellars for Mothers project by the China Women's Development Foundation. This initiative will help construct water infrastructure in 17 villages in the Wei River basin of Shaanxi Province, potentially restoring approximately **800,000 cubic meters** of water resources annually. It will improve drinking water quality for about **35,000 community residents** and help build resilience against drought. The partnership with the China Women's Development Foundation also reflects Micron's commitment to supporting underserved communities.



### Greenhouse Gas Emissions and Energy

Micron focuses on development of more energy-efficient products with a lower power demand that works to reduce greenhouse gas (GHG) emissions and energy use for Micron's

customers. Electricity consumption, process GHG emissions, and heat transfer fluid use represent the majority of Micron's total scope 1 and 2 emissions. Micron is making progress toward our emissions- and energy-reduction goals with focused improvements in each of these areas. Our climate goals are intended to support the objectives of the Paris Agreement to limit planetary warming and the United Nations Sustainable Development Goal 13 on climate action.

Micron's Xi'an site has adopted cutting-edge technologies to minimize scope 1 and 2 carbon emissions (see below), we are setting a new benchmark for our carbon reduction efforts.

- **Scope 1 (direct carbon emissions):** Micron's Xi'an site aims to achieve a **90% absolute reduction** in direct carbon emissions by 2025, using 2020 as the baseline year. The plant has already achieved a **70% reduction goal** in 2023 by deploying three advanced technologies: a new generation of zero global-warming-potential heat transfer fluids, efficient heat pump technology, and low global-warming-potential refrigerants. Despite the implementation costs, Micron Xi'an is pioneering these efforts to drive economies of scale, aiming to reduce overall engineering and maintenance costs associated with technologies and to facilitate their broader adoption.
- **Scope 2 (indirect carbon emissions from operations):** Micron's Xi'an site has initiated a power purchase agreement for green electricity certificates and achieved **100% renewable electricity supply**. In 2024, this site began partnering with Schneider Electric to leverage digital technologies for improving energy management performance and further reducing power consumption. This project is expected to be fully deployed by the end of 2025, supporting the plant's carbon emissions management.

Notably, the Ministry of Industrial and Information Technology (MIIT) certified Micron's Xi'an facility as the **National Green Factory** in 2020, underlining the company's sustainable efforts across its operational footprint. In March 2024, Micron announced it has broken ground on a new assembly and test manufacturing building at its site in Xi'an. The new building, designed to meet requirements for Leadership in Energy and Environmental Design (LEED) Gold certification, will be highly automated through AI-based intelligent solutions.

## Social Responsibility

Micron focuses on initiatives that provide value for our team members, our customers, and the communities where we operate. We identify and help organizations that are working to provide opportunities for underrepresented populations. We also engage in efforts to support our communities and increase access to STEM education to create lasting social impact. We continue to address needs such as childcare and food security throughout



## Selected Best Practices

the communities where we operate. And globally, we support relief efforts in response to natural disasters and humanitarian crises.

Micron also inspires team members to give back to their communities. Through our team member giving programs, we provide dollar-for-dollar matching of donations and paid time off for volunteering so team members can support causes close to their hearts. Together, we can make an even bigger difference in our communities.

Since investing in China for over two decades, supporting local community development has been a key principle of Micron's operations, and our work has achieved significant results.

### *Giving Back to the Community*

Micron is committed to a corporate culture of diversity, equality, and inclusion and has long collaborated with local Chinese charitable organizations on public welfare initiatives for people with disabilities. This commitment has been demonstrated through several key projects and partnerships aimed at enhancing the lives and opportunities of vulnerable populations:

- **Food cart donations for those with disabilities:**

In March 2024, through the Xi'an Shandao Charity Association, Micron donated over RMB 1.1 million (~ US \$160,000) to the Ai Xiaocan Community Employment Project for People with Disabilities in Xi'an. This donation will fund 130 mobile food carts,



**creating at least 130 employment opportunities for people with disabilities**

and helping to increase the income of these individuals and their families. This initiative supports the neighborhood employment strategy advocated by the Xi'an Disabled Persons' Employment Service Center. Due to our continuous contributions to disabled employment and public welfare, Micron was honored with the Love Enterprise for Disabilities Employment award by the service center.

- **Community welfare and engagement:** In 2022, Micron donated much-needed daily supplies to local communities through the Xi'an Disabled Persons' Federation. In 2023, Micron Xi'an team members organized a series of Star Light Philanthropy Month activities, including food banks, community cleanups, clothing donations, and Chip Camp (Micron's STEM Education Outreach Program). **Over 94% of Micron Xi'an team members (more than 2,400 people)** participated in various charity activities, contributing significantly to the local community.



- Natural Disaster Relief:** In addition to supporting disability-related public welfare, the Micron Foundation actively provides support for natural disaster relief efforts. In 2023, the Micron Foundation donated **RMB 1 million** to Give2Asia's China Flood Relief Fund to support **post-disaster rescue and reconstruction** work in areas such as Beijing, Hebei, and Heilongjiang affected by typhoons "Doksuri" and "Khanun." This support includes frontline emergency rescue, local supply replenishment, and community rebuilding needs. Additionally, Micron mobilized the strength of its global team members, raising more funds through employee matching donations. The goal of this campaign was to help alleviate the disaster's impact and assist the affected communities in returning to normal life as soon as possible.

### ***Empowering More with STEM***

Micron continues to invest in future generations of innovators and educators by developing and funding programs to promote STEM education, with a focus on creating equitable opportunities for underrepresented groups and people in underserved communities.

Micron deeply understands the importance of providing early STEM education for all students, including those from rural areas and those with special needs. In Shanghai, we held not only our first Chip Camp in China, but also our first Chip Camp for children with disabilities. Members of the Micron Women's Leadership Network employee resource group (ERG) helped host Chip Camp, a science and engineering camp for hearing-impaired high school students at Micron's Shanghai office, running activities to provide hands-on, experiential learning opportunities for the students. The Capable ERG, supporting seen and unseen disabilities, also helped by translating the activities into sign language.

Additionally, Micron collaborates with Tsinghua University, Peking University, Xi'an Jiaotong University, and Shanghai Jiao Tong University on talent education. We will continue to expand talent development through internships and related programs, further promoting STEM education for more college students.



### Planting a Greener Future

As part of Micron's Earth Day activities, Micron China completed a range of volunteering activities in the spring 2024, with nearly 3,000 team members participating. On April 22, team members from Micron's Shanghai



site planted **252 ginkgo saplings** in a park located in Qingpu District. Many team members also volunteered in a local community activity focused on building a China national civilized district. Two sessions of Micron Xi'an volunteering were held on May 11 and 13 at Kunming Lake, where team members planted **500 cherry trees**, contributing to local biodiversity. Micron Xi'an also organized a walking race among team members to encourage them to live a healthy lifestyle and to lower their carbon footprint. A lively sustainability-themed Q&A session followed to expand team members' knowledge and highlight Micron China's achievements.

### Summary

Micron's vision is to transform how the world uses information to enrich life for all, and the solutions we make are becoming increasingly important as the world moves into the age of ubiquitous AI systems powered by fast data. Our sustainability goals are not just central to Micron's vision, mission, and values, they are also integral to our long-term strategic plans. Micron's China operations play an important role in our global sustainability goals. As we've highlighted, over the past 20 years, we have implemented strategies to reduce environmental impacts and enhance societal wellbeing in China. At our Xi'an site, we have achieved a 99.7% waste reuse, recycling and recovery rate and eliminated landfill waste. We also prioritize water conservation through reuse, recycling, and restoration projects. We also aim to reduce our carbon footprint through renewable and carbon-free energy use and significantly reducing carbon emissions. Our commitment extends to social responsibility as well. We support organizations advancing social equity, including those focused on employment for people with disabilities and education for autistic children. Micron also provides relief funds for natural disasters

and engages team members in volunteer activities, such as tree planting, to promote environmental conservation.

In summary, Micron's commitment to our sustainability goals is demonstrated through comprehensive actions across environmental and social dimensions. By optimizing our operations, we aim to reduce our environmental footprint and contribute to the long-term health and welfare of the communities where we operate.

### **About Micron Technology, Inc.**

We are an industry leader in innovative memory and storage solutions transforming how the world uses information to enrich life for all. With a relentless focus on our customers, technology leadership, and manufacturing and operational excellence, Micron delivers a rich portfolio of high-performance DRAM, NAND, and NOR memory and storage products through our Micron® and Crucial® brands. Every day, the innovations that our people create fuel the data economy, enabling advances in artificial intelligence (AI) and compute-intensive applications that unleash opportunities — from the data center to the intelligent edge and across the client and mobile user experience.



## Nu Skin

### Sustainable Development Through Green, Energy-saving, Low-carbon and Recycling Manufacturing | ●

#### Theme: Green Development

Under the guidance of sustainable development strategy, Nu Skin vigorously implements the concept of green operation and attaches great importance to resource efficiency and environmental management in business activities. We are committed to promoting a green transformation of Nu Skin and being a pioneer in a harmonious and better society by integrating green concepts throughout the entire production cycle, as exemplified by our manufacturing plants in Shanghai and Huzhou.

#### N Responding to Climate Change

Nu Skin takes "Participating in Sustainable Actions Now, Foresee a Better Tomorrow Together" as its mission for sustainable development, actively responds to the United Nations Framework Convention on Climate Change, and builds a specialized environmental management system based on the Nu Skin Enterprises' environmental management policies, such as the Environmental Policy, Deforestation Policy, Nu Skin Enterprises' Commitment to Sustainability, and Nu Skin Enterprises' Sustainability Policy, and so on. Meanwhile, in order to comprehensively supervise the achievement of environmental objectives and results, the manufacturing plants set up an Environment, Health, and Safety (EHS) department, and developed a series of environmental management systems, including Environmental Factors Control Procedures, Energy and Resources Control Procedures, Environmental Factors Identification, Evaluation and Updating Management Procedures, etc., to ensure that the concept of sustainability is deeply rooted in all aspects of production and operation.

Nu Skin has established a sound environmental management system in line with international standards, and its Huzhou manufacturing plant has obtained the ISO14001 environmental management system certification. In 2022-2023, Nu Skin's resource use had no significant impact on the environment, and no incidents of violating laws or regulations related to environmental protection occurred.

Nu Skin pays close attention to global climate change trends, assesses, and identifies climate change risks and opportunities. Focusing on physical and transformational risks, we have established a climate change management framework, with the Green Committee

and senior management team making decisions on related risks and opportunities. In terms of acute risks, Nu Skin has established a targeted emergency response plan and held emergency drills and competitions for environmental incidents. The EHS Department of the plant participated in the 2023 Environmental Emergency Plan Competition and won the first prize. Through the competitions and incident-specific drills, the two plants have enhanced their knowledge of emergency response to environmental emergencies and daily environmental protection.

To achieve the goal of carbon neutrality and carbon peak, Nu Skin has established the Energy Conservation Management System to continuously improve energy efficiency in production and operations to achieve the goal of reducing energy consumption. Nu Skin has set targets for carbon emission and energy use. Its Huzhou manufacturing plant plans to achieve a 30% reduction in Scope I and Scope II carbon emissions by 2030. At the same time, the Huzhou plant will implement energy conservation and emission reduction plans in phases, gradually achieving its goals of "zero carbon factory" and "zero carbon products" to ensure product quality and sustainable development of Nu Skin through green, energy-saving, low-carbon and recycling manufacturing.

Nu Skin's main types of energy use are steam, natural gas, and electricity consumption. We have developed Energy and Resource Control Procedures and established a systematic and comprehensive management structure to improve overall energy efficiency and reduce energy consumption. To better manage the carbon emissions from production and operation, we actively carry out carbon footprint management and include the carbon emission verification of Huzhou plant in the scope of greenhouse gas emission verification. We invited professional third-party institutions to verify carbon emission data and took more targeted low-carbon measures. In 2022-2023, our Huzhou manufacturing plant was awarded "Huzhou Low-risk Enterprise of Environmental Risk," and has obtained the certification of greenhouse gas ISO14064 system and the certification of national green factory, further achieving the company's goal of energy conservation and emission reduction.

In 2023, Shanghai manufacturing plant purchased Fulton boiler, equipped with flue gas waste heat recovery device adopting modular standardized design, and the overall thermal efficiency of the boiler can be increased to 93%. The boiler can reduce fuel consumption by about 30 cubic meters per hour during normal operation at rated load, saving RMB 258,000 in fuel costs and 116 tons of carbon emissions per year. The plant also installed photovoltaic power generation using the roof of the plant with a total area of approximately 9,000 square meters. A total of 1,818 550-watt single-crystal high-efficiency photovoltaic modules were installed, with a total installed capacity of 1,300KWP peak power.

## Management of Water and Forest Resources

Water use has always been a core issue of high priority for Nu Skin. We have formulated the



Production Water Management System to ensure the scientific, rational, and efficient use of water resources.

In the preparation area of Shanghai manufacturing plant, Cleaning in Place (CIP) and Sterilization in Place (SIP) systems were introduced, which not only improved cleaning and sterilization efficiency, but also reduced energy consumption. It's worth mentioning that the water-saving effect is significant. At present, water consumption is only about 1/4 of the original. The rainwater collected in the plant can be used for plants irrigation after degradation and precipitation treatment, which reduces water and sewage charges, avoids waterlogging and improves the ecological environment.

The workshop of Huzhou manufacturing plant implements the recycling of steam condensate, adopts the reheating technology for the condensate above 60°C, and preheats and heats the purified water for production for reuse. With this initiative, every production of 1 ton of raw materials can save steam consumption of 0.5 T. At the same time, the condensed water below 60 °C can be used for equipment cleaning, and the entire operation process greatly saves the industrial water consumption of the plant and achieves its goal of saving water resources.

From 2021 to 2023, following the "5R" principle, Nu Skin emphasized "Reduced, Renewable, Recyclable, Recycled, and Reusable" of production materials, greatly reduced the number of primary and secondary packaging of products, and achieved an overall optimization of packaging to reduce resource waste. Some of the raw materials used in the company's

products have obtained the dual certification of Forest Stewardship Council (FSC) and Programme for the Endorsement of Forest Certification (PEFC). To further reduce the amount of plastic and paper used in product packaging, implement plastic reduction into the entire value chain, and truly promote packaging materials to be recycled, reusable, and degradable, we start from three directions of lightweight packaging, environmental friendly materials, and process optimization to design and use sustainable packaging in all types of products to reduce the burden on the earth.

## Waste Management

Nu Skin always adheres to the principle of compliance and transparency in emissions management and has formulated internal systems and documents such as the Environmental Factors Control Procedure, Water Pollution Prevention and Control Procedure, and Air Pollution Prevention and Control Procedure to ensure the practical implementation of emission management. We regularly test and analyze the emissions of waste gas and wastewater, and actively take measures to reduce emissions, effectively reducing the overall pollutant discharge.

Nu Skin regards building a network of zero-waste facilities across the globe as an important part of its sustainability strategy and has established an internal Waste Pollution Prevention and Management Procedures. Meanwhile, we actively develop circular economy cooperation with external parties to explore waste management methods to favorably contribute to green ecology.

The online wastewater discharge monitoring station in Huzhou manufacturing plant has been standardized, with new video monitoring and bottle sampling instruments to ensure the accuracy and traceability of online data. At the same time, the Huzhou plant is the first batch of enterprises to pass the acceptance of the "zero sewage direct discharge" project in Huzhou in 2022.

Waste in Nu Skin mainly includes office garbage, domestic waste, and solid waste from production. The non-hazardous wastes are temporarily stored in appropriate locations and are centrally collected and disposed of through recycling stations to avoid environmental pollution. At the same time, to ensure the proper management of waste, the company actively carries out waste classification and treatment measures to ensure that the storage, transportation and disposal of waste meet the internal management regulations and regulatory requirements. For solid waste that can be reused, we cooperate with professional third parties to turn waste into recycled products in many forms: for example, turning waste into glass bottles and car wax or composting solid waste that can be reused. In 2022-2023, no hazardous waste was generated in Nu Skin manufacturing plants.

## The NU Future Education Plan | ●

### Theme: Rural Revitalization

The revitalization of rural talents is an important part of China's rural revitalization strategy and a significant driving force for the economic and social development of rural areas. In the context of the new era, strengthening the cultivation and support of rural talents is the key to achieving rural revitalization. The NU Future Education Plan was launched against this backdrop by the China Children and Teenagers' Foundation in partnership with the Shanghai Nu Skin Charity Foundation. It aims to assist students from disadvantaged families in receiving vocational skills training, enhancing their professional abilities, and contributing to rural revitalization and development.



### Background and Significance of the NU Future Education Plan

The NU Future Education Plan officially started in October 2019. The project conducted a three-year pilot in Sichuan and Guizhou provinces and was upgraded to the "NU Future Education Plan" in 2022. Covering underdeveloped western regions and the "Three Districts and Three States," the program provides vocational skills training for students from disadvantaged families to support rural revitalization.

Rural revitalization hinges on talent. However, due to historical reasons and current conditions, China's rural areas, especially those in underdeveloped western regions and the "Three Districts and Three States," lack educational resources. Many students from disadvantaged families face the risk of dropping out. The level of vocational education in these areas is also relatively low, which fails to meet the talent demands of rural revitalization. The NU Future Education Plan emerged to address this issue, offering vocational skills training to students from disadvantaged families, helping them enhance their abilities, realize their life values, and contribute to rural revitalization.

### Main Content of the NU Future Education Plan

- 1.Establishing scholarships/bursaries for school students aged 14 to 22 from disadvantaged families to alleviate their financial burdens and help them complete their education successfully.
- 2.Offering short-term vocational training courses for students from disadvantaged families to provide skill training and enhance their employability.
- 3.Conducting character education and psychological growth camps to focus on students' mental health and cultivate a positive attitude towards life.
- 4.Collaborating with schools to create an employment platform, providing students with internship and employment opportunities to help them smoothly transition into society.

### Implementation Effect of the NU Future Education Plan

According to a third-party evaluation report, the NU Future Education Plan achieved significant results in its first three years of implementation:

- 1.The short-term training program supported 130 students in receiving skills training, with a 100% completion rate for professional skills training certificates and a 100% employment rate.
- 2.95.35% of the students acquired new skills, and 86.82% experienced an increase in self-confidence.
- 3.Innovatively supporting vocational college students at Guizhou Shenghua Vocational College's Intangible Cultural Heritage Inheritance Institute, 83.87% of the beneficiaries mastered intangible cultural heritage-related skills such as embroidery and batik through their studies, expanding future possibilities and cultivating future inheritors for China's intangible cultural heritage protection.



### Insights from the NU Future Education Plan for Rural Talent Revitalization

- The successful implementation of the NU Future Education Plan has provided valuable insights for rural talent revitalization:
- 1.Strengthen vocational education to enhance the skill levels of rural talents. Vocational education is an important way to improve the quality of rural talents and promote rural revitalization. The program has boosted the employability of students from disadvantaged families through short-term vocational training courses, injecting new momentum into rural revitalization.
- 2.Pay attention to mental health and cultivate a positive mindset among rural talents. Mental health is an important guarantee for the growth of rural talents. The program focuses on students' mental health and conducts psychological growth camps to cultivate a positive attitude towards life, helping them better face challenges in life and work.
- 3.Build an employment platform to help rural talents smoothly enter society. Employment is a key link for rural talents to realize their self-worth. The program collaborates with schools to create an employment platform, providing students with internship and employment opportunities, helping them smoothly transition into society and realize their life values.
- 4.Innovate training models to inherit intangible cultural heritage. The program supports vocational college students at Guizhou Shenghua Vocational College's Intangible Cultural Heritage Inheritance Institute, cultivating inheritors of intangible cultural heritage and injecting cultural connotations into rural revitalization.

### Conclusion

The NU Future Education Plan is a socially significant public welfare project that focuses on students from disadvantaged families, provides vocational skills training, and supports rural revitalization. The successful implementation of the project has provided useful insights for rural talent revitalization and serves as a reference for other public welfare projects. In the future, the NU Future Education Plan will continue to deepen its project content, expand its coverage, and provide more help to students from disadvantaged families, contributing to rural revitalization.

### About Nu Skin

Nu Skin Enterprises, Inc. (NYSE: NUS) is a global integrated beauty and wellness company, powered by a dynamic affiliate opportunity platform. The company helps people look, feel

and live their best with products that combine the best of science, technology and nature. Backed by more than 35 years of scientific research, Nu Skin develops innovative products including Nu Skin® personal care, Pharmanex® nutrition and the ageLOC® anti-aging brand which includes an award-winning line of beauty device systems. Nu Skin operates in approximately 50 markets worldwide in the Americas, Asia, Europe, Africa and the Pacific. Rhyz Inc. is the company's strategic investment arm that includes a collection of technology and manufacturing companies to support growth in the core Nu Skin business. Nu Skin is committed to sustainability, including global initiatives such as transitioning to reduced and sustainable packaging for all products by 2030. The Nu Skin Force for Good Foundation also strives to improve children's health, education and economic circumstances throughout the world.





# PayPal

## Fostering Community Impact in China – Empowering Rural Children Development and Reducing Carbon Footprint | ●●

### Theme: Green Development; Rural Revitalization

PayPal has always believed that doing good in business and doing the right thing is good for business development and the greater benefit of society. PayPal has a history of supporting businesses and individuals to better participate and thrive in the global economy.

As a responsible multinational company, PayPal has not only been committed to offering global customers inclusive financial services in business but also extending inclusivity to social responsibilities through various initiatives.

PayPal looks forward to working with many organizations around the world to advance the cause and further deepen its impact on economic empowerment, financial inclusion, and environmental sustainability. Through our community impact program, we hope that these participating organizations can not only receive donations and establish relationships, but also share good practices and learn from each other.

In China, PayPal continues to support various charity and philanthropic initiatives. In recent years, PayPal has conducted nearly 300 employee-driven charity events in China, calling on more than 700 employees to join the volunteer services and donations. Through the "PayPal Community Impact Grants" program, PayPal has partnered with the Shanghai Dandelion Child Development Center, Educating Girls of Rural China, the Nature Conservancy, and other non-profit organizations to take on social responsibilities with meaningful action.

### Nurturing Young Minds: Building Dandelion Children's Library

Since 2014, PayPal's project team of "Community Impact" has cooperated with Shanghai Dandelion Children's Development Center to help build Dandelion Children's Library in areas lacking quality education resources. PayPal employees have actively volunteered and participated in the construction of these libraries to further improve the level of rural education, promote reading, and ensure that rural children receive humane, high-quality education.

The Shanghai Dandelion Children's Development Center was established in 2013. One of its missions is to build Dandelion Children's Libraries in areas within China that lack quality



educational resources. Under the educational philosophy of "originating from children, tailored for children," it aims to explore, create, and promote a personalized learning ecosystem.

Since the project started, it has completed the construction of six libraries, including Zhejiang Suichang Jinzhu Primary School Library, Zhejiang Longyou Tuanshi Primary School Library, Zhejiang Jinyun Qili Primary School Library, Zhejiang Kaihua Daxibian Primary School Library, Hubei Enshi Lichuan Changshun Primary School Library, and Henan Xinyang Nanwanhu Xiaojiahe Primary School Library. In 2023, the project team will also build a new library at the Longsangsi Town Central Primary School (East Campus) in Shanghe County, Shandong.

## Empowering Early Childhood Development: Thousand Days Project

In 2024, PayPal China announced a partnership with the Thousand Days Project, a public welfare initiative, by participating in early childhood development projects through financial donations and project tracking support.

The Thousand Days Project cultivates caregivers, establishes nurturing centers, and provides a weekly rotation of new toys and books in underdeveloped areas and rural parts of China, guiding local parents in scientific child-rearing. The play and educational materials and books provided by the centers are developed based on the growth characteristics of children, focusing on language, motor skills, cognition, and socio-emotional abilities, effectively enhancing the early development of children aged 0-3 years. The project is named after the "first thousand days" of a child's life — from birth to just before their third birthday. Recent neuroscience research indicates that this period is when synapses form most rapidly in the brain, with 80% of brain development occurring during this time.

Since its official launch in 2015, the Thousand Days Project has yielded fruitful results. It has established two early childhood development activity centers and a caregiver training center in the urban-rural fringe of Chengdu, Sichuan Province. In Ya'an, it has set up a city-level center and training center, eight county-town level centers, and 84 village sites providing caregiving guidance and support for women caregivers' happiness. As of May 2024, the Thousand Days Project has registered over 4,000 infants and toddlers, benefiting

more than 12,000 people, conducted nearly 70,000 one-on-one parent-child activities, held 16 offline caregiver training sessions training nearly 400 caregivers, and conducted over 7,000 activities caring for women caregivers. The "Thousand Days Nurturing" app developed by the project has benefited more than 220,000 people.



The strong support from PayPal China is expected to further expand the reach of this loving initiative, with an estimated additional 1,000 children benefiting each year.

Social responsibility is deeply embedded in PayPal's corporate DNA, which is the foundation of the trust we've built with customers, business partners, and society and also an underlying value that serves as a guiding principle for the long-term development of the PayPal brand. In China, PayPal will continue to work with partners to maximize the impact in the public space through unremitting efforts and continue to offer PayPal's corporate strength and unique value to social development and prosperity.

## Uplifting Rural Education: Helping Rural Girls Enter High School

PayPal participated in the donation and funded 16 girl students to enter high school. The sponsored female students informed of the improvements in their living and educational conditions through thank you letters and expressed their gratitude towards the PayPal team. Named after Ching Tien, a globally recognized champion for gender equality and women's empowerment, the Ching Tien Foundation builds on the legacy of Educating Girls of Rural China (EGRC). Founded by Ching Tien, EGRC was a grassroots Canadian charity that operated in rural Western China for 18 years. From 2005 to 2023, EGRC provided over 2,000 young rural Chinese women with financial sponsorship and emotional support to complete their high school and university education, achieving a graduation rate of over 99%.

## Implementing the Sustainable Development Mindset: Fuel Switch Project

PayPal actively address environmental and climate-related risks and opportunities that are closely linked to our enterprise, employees, customers, suppliers, investors, and the

communities we operate in. To achieve our goal of net-zero greenhouse gas emissions by 2040, we have covered 100% of our global data centers' energy use with renewable energy for the third consecutive year in 2023. Moreover, since 2019, we have reduced our operational emissions by 75%.

As part of PayPal's environmental sustainability goals, we're looking to reduce our greenhouse gas emissions as rapidly as possible, but for our emissions that are unavoidable, we finance carbon credit projects specifically in geographies where we have an operational presence and align with our social innovation strategy of supporting vulnerable communities.

To this day, burning coal remains a primary cause of smog formation. The main components of PM2.5 are organic matter, sulfates, and black carbon emitted from coal combustion, and the number of people suffering from acute and chronic respiratory diseases caused by fine particulate matter and aerosols is increasing. It is clear that the over-reliance on coal use is one of the most serious threats to the stability of China's climate and environment, with data showing coal accounts for as much as 71% of China's energy consumption. One-third of Chinese households use inefficient coal stoves for cooking, primarily concentrated in the regions of Shanxi, Hubei, and Guizhou.

PayPal is determined to help these families reduce their over-reliance on coal and, as a result, alleviate the air pollution caused by coal combustion. To this end, PayPal has collaborated with Gold Standard and Impact Carbon, working with local governments to promote a project for clean transition of cooking and heating fuels. The project aims to reduce greenhouse gas emissions by providing improved stoves that can recycle surplus agricultural residues (a 100% renewable fuel source) and related solutions. Over the years, Impact Carbon has helped local stove manufacturers improve their production processes and has intensified efforts to promote awareness in local communities, enhancing residents' understanding of improved stoves and guiding the local market to gradually align with the international carbon market.

According to statistics, in the project for clean transition of cooking and heating fuels, by substituting coal with renewable biomass fuels, US \$30 million has been saved, over 450,000 tons of coal have been conserved, and 1.25 million tons of carbon dioxide emissions have been reduced, benefiting 500,000 people. To date, approximately 145,000



improved stoves have been sold across various regions. Over the five-year lifespan of these stoves, the project is expected to save each household US \$1500-\$2000 in fuel expenses, which equates to saving US \$37-\$50 in fuel costs for every dollar spent on the stove. Thanks to these savings, more families in the related regions have been able to increase their income by reducing fuel costs, thereby freeing up more funds for food, clothing, medicine, and other household necessities.

It is noteworthy that PayPal and its partners have reinvested the profits from stove sales back into the production and maintenance technology of the improved stoves. This provides a novel approach for Chinese enterprises to practice social responsibility—businesses can generate profits through philanthropic investments, using those profits to further solidify or expand existing achievements, thereby creating a virtuous cycle.

## About PayPal

PayPal is committed to long-term investment and growth in China. It is the first foreign platform to enter China's online third-party payments market and the first foreign payment company with a wholly owned subsidiary in China.

PayPal started its Chinese investment since 2004 by setting up multiple wholly owned subsidiaries in China. It has continuously increased its investment and contributed to the healthy development and transformation of China's cross-border e-commerce and digital payment industries.

By focusing on the Chinese market and accelerating localization, PayPal China has established strategic partnerships with major financial institutions and technology platforms in the country.

By advancing PayPal's 25+ years of experience and advantages in global cross-border payment, risk management and control, technological innovation and business model, PayPal China empowers Chinese small and medium-sized enterprises to thrive in the global economy, connecting them with PayPal's more than 400 million consumers and merchants globally by providing compliant, secure, reliable and convenient payment products and one-stop solutions. In this way, PayPal helps facilitate their business expansion and global success by riding on the new wave of digital economy.

# PepsiCo.

## Contribution to Vitalize Rural Industry | ●

### Theme: Rural Revitalization

The comprehensive promotion of rural revitalization is one of the key tasks during China's "14th Five-Year Plan" period. For rural areas to achieve common prosperity, promoting the "Five Major Revitalizations" in an integrated way is a must. PepsiCo not only supports the development of rural industries and cultivates agricultural talents but also continuously assists China in consolidating the results of poverty alleviation and improving rural living and ecological environments through public welfare efforts. The company contributes its corporate strength by supporting the vitalization of industry, talent, culture, and the environment. PepsiCo is looking to improve the livelihood of more than 250,000 people in agricultural supply chains and communities worldwide by 2030.

In June 2023, PepsiCo announced a further donation of RMB 50 million to support social impact programs in China, particularly to help implement the National Rural Revitalization Strategy. It also released its CSR strategy in China: "Smile all together." Guided by PepsiCo Positive (pep+), the strategy will focus on nutrition and health, environmental protection, and economic empowerment, while focusing on supporting projects involving rural industry revitalization, ecological revitalization, cultural revitalization, and empowerment potential in the future.

On August 2, 2023, a public welfare program, "Jia Jia Yue" program, which was jointly initiated by PepsiCo, China Foundation for Rural Development (CFRD), and Jiajiayue Group, was formally launched in Jiu Long Cheng Mall of Weihai City in Shandong Province, with the attendance of the CEO of PepsiCo Greater China; Chief Consumer Officer of PepsiCo Asia Pacific; Vice Chairman of China Foundation for Rural Development; Deputy Director of Rural Revitalization Administration of Weihai City, Shandong Province; and CEO of Jiajiayue Group, which kicked off the project to support the rural industry revitalization.

This project is a model of rural industry revitalization jointly created by PepsiCo, Jiajiayue Group, and China Foundation for Rural Development, through the cause-marketing campaign in which Lay's and consumers support the development of the sweet potato industry in Linshu County, Linyi City, Shandong Province, in order to support the development of village collective cooperatives and drive the villagers to become rich together.

The project has been supported by over 2.6 million people through the Lay's and Jiajiayue Group's over 900 shops in various cities and online platforms, with a donation of RMB

Selected Best Practices

900,000 to support the revitalization of the industry in Linshu. Up to now, the project has completed the repair of 8 greenhouse seedling sheds in conjunction with spring plowing, purchased 12,500 kg of seed potatoes, and provided 60,000 high-quality seedlings to growers in Libuzi Village, benefiting more than 150 households.



In 2020, PepsiCo, Wumart, and the China Foundation for Rural Development (CFRD) jointly launched the "Wumart Program." By 2023, when the project enters its fourth year of implementation, PepsiCo has donated more than RMB 6 million to the project, supporting more than 11,000 farmers through the China Rural Development Foundation, and helping to increase the incomes of farmers in Dongxiang, Gansu Province and Wei Chang, Hebei Province. The maximum income has been raised by RMB 500-1000 per household, and nearly 9 million members of the public have been motivated to participate in public welfare.



## About PepsiCo

PepsiCo products are enjoyed by consumers more than one billion times a day in more than 200 countries and territories around the world. PepsiCo (NASDAQ: PEP) generated more than US \$91 billion in net revenue in 2023, driven by a complementary beverage and convenient foods portfolio that includes Lay's, Doritos, Cheetos, Gatorade, Pepsi-Cola, Mountain Dew, Quaker, and SodaStream. PepsiCo's product portfolio includes a wide range of enjoyable foods and beverages, including many iconic brands that generate more than \$1 billion each in estimated annual retail sales.

Guiding PepsiCo is our vision to Be the Global Leader in Beverages and Convenient Foods by Winning with pep+ (PepsiCo Positive). pep+ is our strategic end-to-end transformation that puts sustainability and human capital at the center of how we will create value and growth by operating within planetary boundaries and inspiring positive change for planet and people.



## Pramerica

### Emerging Visionaries——Youth Power Shines in Public Welfare | ●

#### Theme: Green Development

Pramerica Emerging Visionaries is an international recognition program that supports Chinese youth aged 12-18 to practice the United Nations Sustainable Development Goals (SDGs) with innovative public service programs and awards young people for their innovative solutions to financial and societal challenges in their communities.

In 1995, Prudential initiated the Spirit of Community Awards program in the United States, recognizing over 150,000 young people for creating change in their communities. In 2021, the Spirit of Community Awards was upgraded to the Emerging Visionaries Awards, aiming to recognize teenagers who bring fresh perspectives and innovative solutions to address pressing financial and societal challenges in their communities. The program is also carried out in China, Japan, Brazil, and India.

In 2012, Prudential and Fosun established Pramerica Fosun Life Insurance Company. In 2013, they brought the awards to China. In 2023, the program was updated and focused on the Sustainable Development Goals (SDGs) set by the United Nations.

Over the past decade, the Emerging Visionaries Awards have inspired students to "start from their surroundings, begin with small actions, and pursue from their passions." Over 6,600 young people turned into leader from pursuer. The program gradually expanded from Shanghai to other provinces and cities including Beijing, Shandong, Sichuan, Zhejiang, and Hainan, achieving widespread influence in the realm of youth. With the support of Prudential, the Emerging Visionaries Awards have produced numerous cases promoting social sustainability.

#### LightUp Filtered Bottle

Water resources are indispensable and valuable resources for humanity. However, many regions still face issues such as water scarcity, severe pollution, and poor water management. As the impacts of global climate change become increasingly significant, the frequency of extreme weather events, such as droughts and floods, further exacerbates the strain on water resources. According to statistics, a child dies every eight seconds due to a lack of clean water. Currently, many people still do not have access to healthy drinking water; they have to walk for hours to find a water source, which is often muddy and frequently contaminated.

In this context, Ke from a middle school in Shanghai initiated the "LightUp Filtered Bottle" project, focusing on the drinking water issues faced by disadvantaged children. Through information collection, he learned about these children's basic needs in terms of drinking water and electricity. This innovative cup integrates a filter pump and a solar light function. The filtration straw is made of two types of filtering materials:

hollow fiber membranes and activated carbon. Rigorous testing has shown its reliable professional performance in filtering bacteria, microorganisms, parasites, and sediment particles, capable of filtering approximately 6,000 liters of water. To address challenges posed by diverse and harsh environments, the cup consists of modular components for easy replacement, including the filter element, various bottle capacities, and even handle forms, ensuring maximum adaptability and versatility. Equipped with LED lights, the cup aims to expand the lighting range and incorporates an SOS mode, making it usable during some disasters.



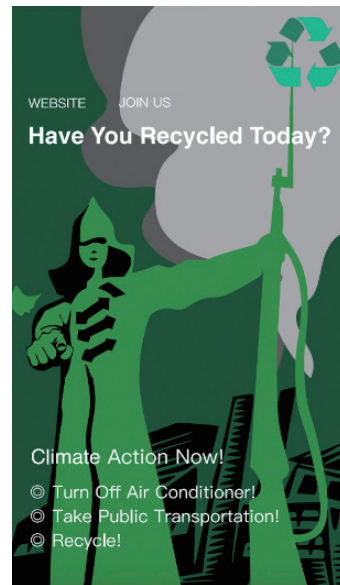
## Carbinsight Website

The current situation of global warming is severe. Without taking more proactive actions, the global average temperature is projected to rise by 4°C by the end of this century. Under the scenario of a 4°C increase in the global average temperature, sea-level rise, glacier melting, increased frequency of extreme heat events, and loss of biodiversity will become even more critical, posing unprecedented challenges to the sustainable development of the Earth. Climate action is not a solo act; it requires the participation of everyone. In the face of the challenge of global warming, each country, enterprise, and individual is not a bystander and has the responsibility to take action.

Carbinsight student association from a middle school in Beijing took note of the issue of green carbon reduction and members together established the Carbinsight website. The website tracks, ranks, and compares carbon emissions data for each province and prefecture-level city in China, including total emissions, per capita emissions, emissions per unit of GDP, annual growth rate, and city emission rankings. It serves to inform the general public about the sources of emission pollution, motivate government and citizens to strive to meet emission reduction targets, and uses color blocks to indicate the severity of emissions. By clicking on each province or prefecture-level city, users can view introductions to the region and line charts showing historical changes in carbon emissions. The website also provides previews of documents related to global warming, including government literature, NGO articles, the latest scientific research papers, and IPCC (Intergovernmental

Panel on Climate Change) reports, while linking to other environmental websites. The project leader also connected with corresponding clubs at other schools, conducting statistics on projects like recycling waste paper and bottles on a semester basis and inserting school recycling rankings on the website to encourage students to participate in environmental protection activities.

Meanwhile, club members organized offline environmental activities, launching a "Carbon Neutrality" Environmental Day event to encourage fellow students and teachers to recycle waste paper. The group collected waste paper from students and teachers and handed it over to paper mills once a certain amount had accumulated. The person who recycled the most paper received a prize (Beijing Academy Notebook). The class with the highest record collected 29.4 kg of waste paper in a month, and the entire event resulted in the recycling of 186.4 kg of waste paper and thousands of plastic bottles, cumulatively reducing carbon dioxide emissions by 287.6 kg.



## About Prudential Financial Inc. (PFI)

Prudential Financial Inc. (PFI) is a global leader in insurance and asset management, providing a wide range of financial products and services to individual and corporate clients in over 50 countries and regions, including life insurance, annuities, retirement-related products and services, mutual funds, and investment management. Prudential Financial has been a mainstay on the Fortune 500 list for years, and Fortune has named Prudential one of the "World's Most Admired Companies." Prudential has received numerous other honors and awards as well, including a designation as one of the "World's Most Ethical Companies" by Ethisphere and recognition as one of the Civic 50, honoring Prudential as one of the 50 most community-minded companies in America, by Points of Light. PFI was founded on the belief that financial security should be within reach for everyone. It's a challenge we've embraced for nearly 150 years. A strong sense of social responsibility has remained embedded in the company, guiding our efforts to help people now and in future generations achieve peace of mind and a more secure future. In 2023, Prudential made corporate contributions valued at US \$20.7 million to nonprofit organizations and donated an additional US \$43.4 million through the Prudential Foundation.

*Note: Prudential Financial, Inc. ("PFI") of the United States is not affiliated with Prudential plc. Pramerica and Pricoa are trade names used by PFI and its affiliates outside the United States markets.*

# Prologis

## Driving Decarbonization and Sustainable Logistics Across Our Operation and Value Chain | ●

### Theme: Green Development

As a global leader in logistics real estate, Prologis is deeply committed to addressing emissions across its value chain by providing innovative and sustainable warehousing solutions for its customers. At Prologis, sustainability has been integrated into the design and construction of its buildings and building operations. The company extensively leverages renewable energy to serve its customers and local communities and builds logistics infrastructures that meet the demands of a sustainable future. Leveraging its scale and role in the global supply chain, Prologis acts as a decarbonization partner for customers to achieve their sustainability goals and promote innovation in logistics.

In June 2022, Prologis made a commitment to achieve net-zero greenhouse gas emissions across its value chain by 2040. This ambitious goal sets a new industry benchmark and has been validated by the Science Based Targets initiative (SBTi) in early 2024. With technology and innovation at the forefront of its sustainability strategy, the company has made significant progress toward its goal of 1 gigawatt (GW) of installed solar and storage capacity by 2025. According to the Solar Energy Industries Association (SEIA), Prologis ranked #2 for onsite solar in the United States in 2022 (the last time this research was published).

In China, Prologis provides new energy solutions to its customers by deploying rooftop solar panels and EV charging stations at its logistics centers. Those initiatives support its customers' sustainability goals and contribute to China's broader energy efficiency and decarbonization goals.





### New Energy Supports Energy Efficiency and Decarbonization in Logistics Operation

As more companies look to run more energy-efficient operations and lower emissions across their supply chains, Prologis is seeing more interest from its customers seeking new energy solutions.

In 2019, Prologis piloted and implemented innovative building-integrated photovoltaic (BIPV) projects at its logistics centers in Wuhan, Jinan and several other locations across China. The company replaced some traditional building materials, such as glass curtainwalls and canopies for bicycles, with solar panels, which provided clean energy to customers and supported the customers' goal of sustainability. Fueled by positive feedback from customers on the pilot solar projects, Prologis China started to deploy rooftop solar projects across its logistics centers in 2023.

In 2023, Prologis made significant strides in its sustainability efforts by implementing four rooftop solar projects at Prologis Suzhou Jinchang Logistics Center, Shanghai Qingpu Logistics Center, Foshan Gaoming Logistics Center, and Wuhan Caidian Logistics Center, with a total capacity of approximately 9 MWp.

Being the first rooftop solar project in China, the 1.1 MWp of solar panels at Prologis Suzhou Jinchang Logistics Center help meet the demand for clean energy from a renowned home furnishing brand operating within the park. The renewable energy provided by Prologis supports the customer in achieving their sustainability goals by reducing emissions, energy costs and environmental impact in their supply chain. It aligns with the customer's global commitment to a sustainable supply chain.

In South China, the 5.99 MWp rooftop solar project at Prologis Foshan Gaoming Logistics Center directly supports a leading domestic cross-border e-commerce company in addressing challenges by international trade barriers related to carbon footprints and decarbonization. Using clean energy at Prologis' logistics center helps the company meet these international trade requirements and ultimately enhances its competitiveness in the global market.

In 2024, Prologis will accelerate the deployment of rooftop solar projects across China, with projects already underway in Zhengzhou, Nantong, Guangzhou, and Kunshan. These endeavors will provide more clean energy solutions to logistics companies and reduce the carbon footprint in the logistics value chain.



## Mobility Infrastructure Supports Transition to Low Emission Fleets

A survey by the China Federation of Logistics and Purchasing revealed that fuel costs account for a substantial portion of logistics companies' transportation costs – roughly 34%. The adoption of EV trucks presents a promising solution to reduce transportation expenses. Prologis' strategically located logistics centers across China serve as crucial hubs for distribution, transit, and delivery of goods. Recognizing an opportunity to help customers improve charging efficiency, Prologis provides expertise and critical infrastructure through a range of solutions, including hubs, depots, and workplace charging, enabling on-site EV trucks charging to and passenger vehicles charging for distribution center employees at its logistics centers. The mobility solution allows drivers to leverage the loading and/or unloading time for charging.

As of 2023, Prologis has installed approximately 150 EV charging piles at 23 logistics centers across China. Notably, most of the charging stations are 120-kilowatt (KW) DC fast charging piles with two plugs, effectively catering to the charging demands for EV trucks and passenger vehicles.

The Prologis Chengdu Xindu Logistics Center exemplifies the positive impact of the charging infrastructures, which seamlessly meets the demand from customers at the park and serves residents from communities around the logistics center.

In China, Prologis is also proactively collaborating with leaders in new energy management to develop its smart charging platform. Through the platform, Prologis will have access to real-time charging prices within a specific geographical radius around its logistics centers, enabling the company to provide dynamic and competitive charging services to customers and communities. The platform will also allow Prologis to optimize the operation efficiency of its charging infrastructures.

## Decarbonization is Integrated into Many Aspects of Operation

Driven by its net-zero commitment, Prologis locates, designs and builds its logistics centers to maximize efficiency and minimize environmental impact. The company follows circular design principles in new buildings and uses the latest construction technologies and materials, including lower-carbon concrete and steel, LED lighting, flexible office walls, etc.

For every new building, Prologis completes a life cycle assessment of the GHG impacts to comprehensively assess and measure the carbon footprint throughout the construction. This assessment, which is leading in the industry, provides data for lower-carbon construction and operation of buildings and contributes to Prologis' net-zero goal.

Take Prologis Jinan Jiyang Logistics Center as an example. Calculations and measurements indicate that the project emitted approximately 39,000 tons of carbon dioxide equivalent during construction, which sets up the baseline for emission. Based on this, in the future,



Prologis will purchase environment-friendly construction materials and strengthen emission controls during transportation and construction to reduce embodied carbon for the buildings.

Regarding energy management at logistics centers, Prologis has installed smart water and electricity meters to achieve real-time visual monitoring of energy use. Operation teams can monitor the energy consumption in real-time, and then support customers in calculating and evaluating their energy costs and emissions. These efforts help customers control their energy costs and improve energy efficiency.

### Conclusion

As the global leader in logistics real estate, Prologis' worldwide network covers 19 countries, with a total portfolio of 115 million square meters under management. Every day, approximately 1.1 million people work under a Prologis roof, so every step forward by the company in sustainability will positively impact on its customers, value chains, and communities where they have business. Prologis focuses on and invests in environmental, social, and governance through innovation and extensive partnership. The company is developing more efficient buildings with features such as solar, energy storage, and electric vehicle charging to bring its customers a wide range of benefits and enhance the value for investors and communities.



## About Prologis

Prologis, Inc. is the global leader in logistics real estate with a focus on high-barrier, high-growth markets. On June 30, 2024, the company owned or had investments in, on a wholly owned basis or through co-investment ventures, properties and development projects expected to total approximately 1.2 billion square feet (115 million square meters) in 19 countries. Prologis leases modern logistics facilities to a diverse base of approximately 6,700 customers principally across two major categories: business-to-business and retail/online fulfillment.

Entering the China market in 2003, Prologis now operates 44 logistics centers totaling 5.3 million square meters across 24 cities, forming an efficient logistics infrastructure network that covers major logistics hubs.



# SLB

## Water Resources System Reconstruction Project | ●

### Theme: Green Development

SLB, a global technology company driving energy innovation for a balanced planet, continues to be committed to sustainability, which is embedded in everything we do today. Our sustainability strategy is focused on where we believe we can make the biggest impact for our company, our stakeholders, and society. Our priorities are climate action, people, and nature.



In 2024, SLB actively participated in the system reconstruction project of water resources in Wulaxi Town, Jiulong County, Sichuan Province. The goal of this project is to provide local people with sustainably managed water sources and more convenient and safe water thereby improving the healthy quality of life of local residents. Shitou Gou Village is the first pilot site for this project.



The village is located southwest of Wulaxi Town, about 100km away from the county center, covering an area of 42.2 square kilometers, with an average altitude of 2500 meters (2,100 meters to 2,800 meters). The terrain is mainly mountainous, with a total of 3 villager groups (Shitougou, Xiaoxiaowan, Niuchang). As of October 2023, there are 183 households (652 people) in the village.

The main economic structure of Shitougou Village is planting and breeding. The main crops include wet pepper (planted on about 1,000 acres, with an annual output of about 75,000 kilograms), small fruits (plums, peaches, apples, pears, walnuts, cherries, etc. planted on about 200 acres, with a total annual output of about 5,000 kilograms), and grains (corn, potatoes, etc., planted on about 200 acres, with a total annual output of about 50,000 kilograms). The main livestock products include pigs (about 200 heads), yaks (about 200 heads), etc.

Although the scale of pepper planting is large, the harvest has never met expectations due to low rainfall all year round and dry land with insufficient moisture. After thorough investigation and demonstration, the main reason restricting the establishment of pepper production is the problem of insufficient water sources. Currently, the water source for crops comes from rainfall, which is insufficient and has serious seasonal problems. The water shortage problem has led to a serious decline in the benefits of pepper cultivation, small fruits and crops, restricting the improvement of the living standards of local people.

The implementation of this project can further solve the problem of drinking water for local people and livestock. Secondly, after the construction of the project, the people will vigorously develop the planting and breeding industries in the city of the district, build an efficient agricultural planting demonstration area, and guide the people, especially ethnic minorities. It provides prerequisites for getting rid of poverty and becoming rich, and the target is to increase the irrigation area by 230 acres. After the completion of the construction of the third sub-project, it will be of great significance for the construction of a new socialist countryside in the local area and for the people to live and work in peace and contentment.

## Yangtze River Protection – 10,000 trees Planted in the Name of SLB | ●●

### Theme: Green Development; Rural Revitalization

In 2024, SLB actively participated in the afforestation activities of the Yangtze River Protection Action (Chongqing Region) and launched an action to plant 10,000 trees on the banks of the Yangtze River in the name of SLB. The project will reduce emissions by approximately 9,600 tons of carbon dioxide over the next 60 years. In addition to promoting carbon sink credits and making efforts to achieve the 2030 carbon neutrality goal, this project also

provides employment and training opportunities for local people and contributes to the revitalization of the rural economy.

The Yangtze River Protection Action (Chongqing Region) project is a large-scale donation and afforestation public welfare activity jointly launched by the National Greening Commission, the State Forestry Administration, the Three Gorges Office of the State Council, the Chongqing Municipal People's Government, the Human Resources and Environment Committee of the National Committee of the Chinese People's Political Consultative Conference, and the China Greening Foundation. The goal is to plant



trees on both sides of the Yangtze River in Chongqing to create a green ecological corridor in the Yangtze River section of Chongqing, improve the ecological environment of the Three Gorges Reservoir area, accelerate the construction of green ecological barriers on both sides of Chongqing, and maintain the ecological security of the Yangtze River Basin.

Forests have a carbon sink function. Through activities such as afforestation and scientific forest management, protecting and restoring forest cover, increasing carbon sinks, and reducing carbon emissions are important ways to slow down climate warming. These activities help achieve dual carbon (carbon dioxide emission reduction and carbon sequestration) goals.

## **SLB Accessible AI Lab Project in Beijing School for the Blind | ●**

### **Theme: Digital Empowerment**

To further support our equity education under sustainability, SLB China will launch Accessible AI Lab Project in Beijing School for the Blind.



The project consists of three parts: first, SLB China will build the computer room in the Beijing School for the Blind and donate computers and new desks and chairs to provide a good learning environment for children and teachers. At the same time, the project will cooperate with engineers from SLB Beijing



GeoScience Center (BGC) to develop programming software for blind children and organize volunteers and teachers to give lessons to stimulate children's enthusiasm and creativity in learning programming. Finally, the project will build an intelligent control system for the greenhouse in the school, allowing the children to practice their own programming skills to control and save light, temperature, and electricity.

The project will help 171 totally blind and visually impaired children in Beijing School for the Blind. At present, the project has completed the construction of the computer room, while the blind programming software is also being developed simultaneously. Looking forward, the project hopes to be expanded to other locations and regions to help more blind schools and children in need.

## About SLB

SLB is a global technology company driving energy innovation for a balanced planet.

At SLB our purpose is to create amazing technology that unlocks access to energy for the benefit of all. With a global footprint in more than 100 countries and employees

representing almost twice as many nationalities, we work each day on decarbonizing industry, innovating in oil and gas, delivering digital at scale, and developing and scaling new energy systems that accelerate the energy transition.

As one of the first foreign technology companies to enter China during the reform and opening up of the country, SLB has a history of more than 40 years in China. In the last few decades, SLB has expanded from one business line to more than 20 operating lines covering the upstream of oil and gas field development, industry digitalization as well as energy innovation. Moreover, it has invested in the construction of a comprehensive business chain including R&D, procurement and production, which further strengthens its strategy, in China, for China.

# Starbucks

## “Shared Value” Social Impact Program for Coffee-Growing Regions in Yunnan: Shared Value, Beautiful Star Village | ●

### Theme: Green Development

Yunnan is the most diverse region in China in terms of climate, ecology, ethnicity and culture. It also accounts for more than 90% of the country's coffee planting land area and output. Its major coffee producing regions of Pu'er and Baoshan boast unique geographical and climatic conditions for growing high-quality Arabica coffee. However, due to a lack of coffee varietals, as well as susceptibility to natural disasters and market risks, the quality of coffee in Yunnan is unstable and many local coffee farmers struggle with low incomes.



Starbucks and Yunnan are connected by coffee. With our aspiration of bringing high-quality Yunnan coffee to the world, Starbucks established its first "Farmer Support Center" in the Asia-Pacific region in 2012. Since 2018, Starbucks Foundation has donated nearly RMB 45 million to the China Foundation for Rural Development (formerly China Foundation for Poverty Alleviation) and the Leping Social Entrepreneur Foundation, initiating four phases of Starbucks "Shared Value" Social Impact Program to support coffee farming communities in Yunnan ("Yunnan Program"), driving continuous innovation and adaptation in the program's implementation.



The first and second phases of the program focused on comprehensive poverty alleviation through four areas - changing conditions, namely improving the environmental conditions of coffee planting and primary processing; reducing costs by providing agricultural subsidies for farmers; empowering farmers by improving agronomic skills and leadership abilities; and increasing the overall income of coffee farmers. The third phase focused on introducing 'smart agriculture' in the form of digital tools used for irrigation and fertilization, customizing fertilizer use based on soil tests, application of drones, and other digital coffee farming and processing tools. Skills training and donation of materials were also provided for coffee farmers to realize "good quality, good environment, and good community".

In October 2021, Starbucks Foundation donated RMB 17 million through Give2Asia to the China Foundation for Rural Development to launch the fourth phase of the Yunnan Program in Nanping Town, Simao District, Pu'er City. Named "Shared Value, Beautiful Star Village", it leverages support from the Shanghai, Pu'er and Yunnan governments to stimulate the revitalization of coffee-growing villages and achieve economic, social, and ecological benefits. As the largest single donation by Starbucks in China, it taps on the distinctive resources of 10 villages in Pu'er to create a model village for rural revitalization anchored on the integration of agriculture, culture, and tourism around coffee. By integrating coffee with tourism, this groundbreaking model of rural development aims to spark a new travel trend around coffee origin trips, through integrating the whole industry chain in support of the development of high-quality coffee in Pu'er, while increasing the incomes of local coffee farmers.

After nearly three years of pioneering efforts by Starbucks and the governments of Shanghai and Yunnan, the Pu'er Starbucks "Beautiful Star Village" was officially opened on July 20, 2024, along with the formal inauguration of the "Beautiful Star Village - Coffee Culture Experience Center". At the opening ceremony, leaders from the Ministry of Agriculture and Rural Affairs, the Shanghai Cooperation and Exchange Office, the Yunnan Department of Agriculture and Rural Affairs and the Department of Culture and Tourism, as well as the China Foundation for Rural Development and Starbucks community service partners, witnessed this meaningful moment together with local coffee farmers. The opening ceremony received more than 400 reports from mainstream media, including CCTV, Xinhua News Agency, China News Agency, and China Daily.

Partially funded by Starbucks, the "Beautiful Star Village - Coffee Culture Experience Center" is located in Baishapo Village, Simao District, Pu'er City, nestled in the middle of the coffee plantations. Covering an area of 1,700 square meters, it exudes the beauty of nature and local ethnic cultures, and features sustainable design concepts that showcase the 'bean to cup' coffee journey. It seeks to help elevate the coffee value chain, and promote the integration of coffee and tourism, as well as local ethnic cultures.

The experience center is filled with the strong aroma of coffee and rich with local ethnic culture. Guests may witness the entire journey of a coffee bean in the coffee processing experience and tasting area, and experience charming ethnic minority customs in the

ethnic culture area. The multi-functional conference hall can be used to host meetings, competitions, and bazaar activities, while the children's corner creates a fun and interesting reading space for children.

Alongside the completion of the Beautiful Star Village, the Coffee Culture Experience Center has begun trial operations and will soon be opened to the public. In the future, it will become a new landmark for coffee lovers from all over the country and the world. As another window connecting "South of Colorful Clouds" and "World Coffee Culture", it embodies Starbucks aspirations for Yunnan - to bring high quality Yunnan coffee to the world.

To create an elevated agro-cultural tourism experience, phase four of the Yunnan Program focuses on five dimensions of rural revitalization - namely ecology, talent, organization, culture, and industry. The 10 coffee-farming villages in Nanping Town were given support in beautifying and greening the rural environment, strengthening rural collective economic organizations, cultivating rural development leaders, and supporting the development and upgrading of rural industries including coffee.

Supported by Starbucks, more coffee farmers and communities are using coffee as a medium to access more social resources. Relying on collaboration arrangements between Shanghai and Yunnan, the "Beautiful Star Village" project has helped obtain RMB 137 million of matching funds from the governments of Shanghai Municipality and Yunnan Province to support the creation of Baishapo core demonstration village, for use in the renovation, upgrading and operation of the rural community. The Tropical Crops College of the Yunnan Agricultural University has also set up a "Farmer Academician Science and Technology Service Station" linking coffee research and planting bases, further empowering coffee farmers and boosting the high-quality development of coffee in Pu'er.



Taking "Beautiful Star Village" as a start, Simao District of Pu'er City has also obtained over RMB 1.7 billion of investment from the central government budget and local government special bond funds, to launch the "Pu'er Coffee Rural Industry Integration and Development



Demonstration Park" project in 2022, which seeks to create "China Coffee Valley" as a "name card" for the specialty industry. The project is currently applying to create a national-level demonstration park that will contain 32 sub-projects across five categories, covering primary industry (coffee standardized planting demonstration area), secondary industry (coffee processing industry demonstration area), tertiary industry (coffee tourism integration development area), rural revitalization demonstration villages, and infrastructure construction.

The Yunnan Program has evolved from improving the production and processing equipment of coffee farmers, and providing skills training, to introducing digital agricultural solutions that improve production efficiency, and combining "primary, secondary, tertiary industries" to create a coffee tourism integration model of rural revitalization. Starbucks has always adhered to its purpose of "in China, for China", and has continued to explore innovative and sustainable models to sow more "golden beans" of prosperity for Yunnan coffee farmers and villages.

## About Starbucks

**S** Since 1971, Starbucks Coffee Company has been committed to ethically sourcing and roasting high-quality Arabica coffee. Today, with more than 39,000 stores worldwide, the Seattle-headquartered company is the premier roaster and retailer of specialty coffee in the world. Starbucks opened its first store in the Chinese mainland in 1999 and now operates over 7,300 stores after 25 years of development in the China market. Starbucks initiated the large-scale development of China's boutique coffee industry. Today, coffee is highly popular among young Chinese consumers, and the coffee industry has become one of the successful examples of China's high level of opening up. China is the largest international market outside the U.S. for Starbucks and one of its two strategic markets. In July 2020, the Beijing Starbucks Foundation was registered to operate in China.

# Trane Technologies China

## STEM Education - Lighting Up a Sustainable Future for Rural Children | ●

### Theme: Rural Revitalization

Amid the global surge in technological innovation, China is accelerating the implementation of the strategy on developing a quality workforce, actively building a major world center of professional talent and innovation. Within this context, STEM education, known for integrating cross-disciplinary learning and fostering innovation, has become a key focus of national education reform. The “13th Five-Year Plan for Education Informatization” emphasized exploring new educational models like STEM education, and STEM was included in the compulsory primary school science curriculum by 2017. However, in rural areas, despite the completion of poverty alleviation efforts, the lack of educational resources and the urban-rural development gap remain significant challenges, hindering the widespread adoption and deepening of STEM education.

As a global climate innovator, Trane Technologies has always made sustainability a core part of the company strategy. In 2021, the company launched the global corporate citizenship strategy “Sustainable Futures”, committed to investing US \$100 million and 500,000 employee volunteer hours globally by 2030 to under-represented students to enable their accesses to healthy learning environments, early exposure to sustainability concepts, and support in accessing rewarding green and STEM careers.

In China, Trane Technologies focuses on sustainable development in education, and officially launched the interdisciplinary CSR educational program “Changing the Future - Trane Technologies STEM Education Program” in 2020. With a donation more than RMB 3 million, this program aims to promote STEM education through three core projects: the STEM Enlightenment Class to provide early STEM education for primary school students in remote rural areas, bridging the gap to a sustainable future; the STEM Talent Challenge online knowledge competition for middle school students nationwide to stimulate their interest and passion for science and technology; and the “Future Star” Female Engineer Scholarship for female engineering students to help them explore more career opportunities and move towards a sustainable future.

In September 2022, Trane Technologies China officially launched the STEM Enlightenment Class Program in Guizhou, in partnership with the Yuanshan Education Charity Foundation. As the core of the company’s “STEM Education Program,” this program adopts a dual-teacher model to bring specially tailored STEM courses to rural primary schools via live broadcasts.

## Selected Best Practices

Aimed at students in grades three to six, these courses make learning fun and engaging through hands-on experiments, sparking students' curiosity and fostering cross-disciplinary learning and innovative thinking.

Since its launch, the STEM Enlightenment Class has reached 20 rural primary schools in Guizhou and Sichuan over the past two years, benefiting over 2,000 students, and provided 540 science classes and 2,565 sets of experimental materials, enriching students' learning experiences. In the coming year, the project plans to expand its coverage to include Yunnan, Guizhou, Sichuan and Qinghai, and is expected to bring STEM classes to nearly 2,500 students in 25 rural schools. Additionally, Trane Technologies has engaged over 960 employee volunteers, contributing nearly 1,500 volunteer hours through various STEM related volunteer activities.



## Highlights

### *Addressing Social Needs*

The program aligns with national goals to enhance scientific literacy and thinking skills in primary schools, addressing the lack of professional science teachers, funding, and technical support in remote rural schools. It offers tailored, engaging STEM courses for students in grades three to six, incorporating hands-on experiments to deepen understanding and connect theory with practice. Through innovative forms of scientific concept cultivation, thinking training courses, and exploratory experiments, it fosters students' cross-disciplinary learning and innovative thinking.



### *Sustainable Development Through Technology*

The STEM Enlightenment Class adopts a dual-teacher model and live broadcasts to bring top science resources to rural schools, empowering local teachers. The program also invites STEM experts to provide face-to-face training for rural teachers, enhancing their professional skills.

### *Leveraging Corporate Technology Resources for Tailored Courses*

Trane Technologies fully leverages its strength in environmental protection, temperature control as a global climate innovator, inviting the company's engineers, technical experts

and financial experts to customize the related courses as extension of standard science courses, fostering students' creativity in keeping with the times.

### ***Engaging Stakeholders***

The program involves company volunteers, target schools, and the public in activities like Science Festival, the STEM Talent Challenge, and the “Future Planet” painting competition, encouraging broad participation in STEM education.

## **Program Expansion**

Trane Technologies STEM Education Program is not only dedicated to providing early STEM education to students in remote rural primary schools, but also extends its reach to middle school and university students nationwide.

### ***STEM Talent Challenge***

From 2022 to 2023, Trane Technologies held two editions of the “STEM Talent Challenge,” attracting over 4,000 primary and secondary students to the online competition. Through points incentives, the project additionally supported 42 students from rural schools to complete a year of STEM courses.

### ***“Future Star” Female Engineer Scholarship***

In 2023, Trane Technologies launched new scholarship programs for national top-tier universities like Tongji University and Shanghai Jiao Tong University to encourage female students in HVAC-related fields such as refrigeration, mechanical, and energy environment to pursue professional studies and broaden their future career development paths.

#### **Decarbonization Education Public Lectures**

To promote green knowledge, volunteers from Trane Technologies Asia Pacific Engineering and Technology Center developed a set of courses about decarbonization knowledge. In order to meet the knowledge needs of students of different ages, three sets of courses with different levels of difficulty were set for primary, junior, and senior high schools, ranging from the theory of the carbon cycle to the impact of global warming to the implementation of carbon-reducing policies, and additionally expanding with the practicality of the work of the company to include building energy efficiency technology. To date, the project has been delivered to 12 schools in Suzhou and Shanghai, providing students with comprehensive lectures of green knowledge to deepen their understanding of the concept of sustainable development.

## About Trane Technologies

Trane Technologies (NYSE:TT) is a global climate innovator. Through our strategic brands Trane® and Thermo King®, and our portfolio of innovative products and services, we bring efficient and sustainable climate solutions to buildings, homes, and transportation.

Through its “2030 Sustainability Commitments,” Trane Technologies is helping to address some of the world's major sustainability challenges, driving industry and global change, and creating a more equitable and inclusive world. These commitments include helping customers reduce carbon emissions by 93 million tons (equivalent to 2% of the world's annual carbon emissions) and achieving carbon-neutral operations. The “Opportunity for All” aims to achieve gender parity in leadership, workforce diversity reflective of our communities, and community initiatives that support equitable education and pathways to green and STEM careers.

With over 700 offices and manufacturing bases worldwide and more than 40,000 employees, Trane Technologies has a significant presence in China, including a global Engineering and Technology Center and four manufacturing bases, with operations across the country and over 3,600 employees. Over the past three years, the company's business in China has maintained double-digit growth, with increased investments in new factories, production lines, and talent, in order to fully grasp the business opportunities and sustainable development potential that have emerged from China's globalization process.



# United Family Healthcare

## United Foundation for China’s Health 2024 Social Impact Report | ●

Theme: Rural Revitalization

### HPV Cervical Cancer Screen and Treat in Heilongjiang



In August 2023, United Foundation for China’s Health was invited to participate in the charity medical mission in Heilongjiang which was led by Han Hong charity foundation. During the 14-day charity medical trip, United Family Healthcare medical experts participated in providing free clinics in 10 counties and cities in Heilongjiang (Long Jiang, Yi An, Sun Wu, Xun Ke, Jia Yin, Yi Lan, Hua Nan, Bao Qing, Mi Shan and Lin Kou) and

provided free HPV/cervical cancer screening for 1,559 women.

UFCH Board Member and medical advisor Dr. Qiao Youlin, a distinguished professor at the College of Group Medicine and Public Health, Peking Union Medical College invited medical experts from Peking Union Medical College Hospital to organize a 7-day professional colposcope training course online for medical staff (including local medical staff) who provide screen and treat care to women on the mission. More than 50 local medical staff participated and completed the course.

During this mission, 1,559 women were screened, with 349 positive for HPV. Of all the positive samples, 115 women returned to the hospital for a colposcopy exam, of these, 87 women received pathological biopsies for further laboratory testing and medical consultations. UFCH worked with the local hospitals to bring the remaining women in for follow up testing and care.

### HPV Vaccination for Women in Difficulty

United Foundation for China’s Health sponsored “Relief women from difficulties, HPV Vaccination Charity” A total of more than 200 disadvantaged women went to United Family

Women’s & Children’s Hospital to receive a free HPV bivalent vaccine.

These women include workers who have been caring for orphaned/ disabled children for a long time, mothers and daughters in difficult circumstances, strong girls with limited mobility but full of love for life, and women with rare diseases that UFCH continually supports. Most of them live in the suburbs of Beijing or even in the surrounding cities, but all of them arrived at the hospital ahead of time, some of them even caught the early morning train and arrived in Beijing at 4am.



Cervical cancer is one of the most common malignant tumors in women, and it is also the only cancer that can be prevented through "early detection, early treatment." Due to economic conditions, geographical, and other reasons, disadvantaged women usually lack awareness of cervical cancer prevention and treatment, which leads them to easily miss the best time for prevention and treatment that increase the risk of lesions.

In addition to providing free HPV vaccine for women in need, volunteers from all walks of life also provided women’s health knowledge through HPV/cervical cancer prevention videos, handouts, and explanations.



### Charity Health Checkup for 100 Rural Teachers

United Foundation for China’s Health (UFCH) and Beijing Cheng Ying Charity Foundation jointly launched the “100 Rural Teachers Charity Physical Examination” on December 17, 2023, and Shanghai United Family Hospital (Pudong) and Xin Tian Di Clinic completed free medical checkups for







100 rural teachers from primary and secondary schools in Wu Shan County, Gansu Province. During the examination, the UFCH team also learned from our UFH doctors that due to the high altitude of the local area, the living environment is relatively difficult, especially after the epidemic, the teachers rarely get enough rest. The most common problems among the teachers were gastrointestinal issues, tinnitus, and dental disease.

The exams were comprehensive, consisting of a history and physical, blood work, electrocardiogram, chest X-ray, and other tests. Through chest X-rays, the doctors found that nearly 30 rural teachers have remarkable pathology. A comprehensive evaluation will be made based on the teachers' family history and follow-up examinations. UFCH will also provide medical support for teachers who need further treatment.

### Charity Health Checkup for Physical and Mental Disabilities

In November 2023, United Foundation for China's Health organized United Family Healthcare medical volunteers to visit Liming Functional Rehabilitation Center (Liming Family) located in Ningjin County, Xingtai City, Hebei Province for a three-day visit and health examination.

Liming Functional Rehabilitation Center provides charity services for people with physical and mental disabilities since 1988. Physical and mental disorders bring challenges, but at the Liming Rehab Center, kids are well-loved and get good care. Here, they can also create value in their work and lead a dignified life.

The doctors patiently took medical histories and did checkups for the patients and staff of the center and provided recommendations for treatment. During the visit, UFCH also organized a women's health talk to provide education on breast cancer and cervical cancer prevention to female workers and helped them improve their awareness of health protection.



After the examination, UFCH has arranged for five beneficiaries to go to Beijing United Family Hospital Surgery Department, Neurosurgery Department, and Tianjin United Family Hospital Family Medicine Center for further medical consultation and treatment.

### **About UFH and UFCH**

Founded in 1997 by Ms. Roberta Lipson, United Family Healthcare (UFH) is one of the leading private hospital groups in China. Since its establishment 26 years ago, UFH has been committed to providing high-quality, international standard, and comprehensive medical services that combine medical education and research in China. The medical network of UFH has established 11 hospitals and 24 clinics in Hong Kong, Beijing, Shanghai, Guangzhou, Shenzhen, Tianjin, Qingdao, Boao and other places, serving over a million patients annually, including nearly 100,000 foreign patients. It has built a sizable international healthcare network and formed a graded medical service system of "general hospitals + specialized hospitals + clinics", including family medicine, emergency, OB/GYN, pediatric, cardiovascular, oncology, urology, digestion, orthopedics, critical care medicine, neurological centers, and other medical service chains. Since its establishment, UFH has been committed to providing patients with excellent medical outcomes through rigorous evidence-based medicine, advanced management experience, and continuous investment in cutting-edge medical technology, setting high standards for healthcare for industry colleagues.

United Foundation for China's Health (UFCH) was created by United Family Healthcare (UFH) and UFH Founder, Roberta Lipson. As early as the opening of the first UFH hospital, UFH has been committed to serving the community through charitable activities. In 2018, UFCH was officially approved by the Beijing Municipal Civil Affairs Bureau as a Chinese Charity Organization. At UFCH, we are committed to providing medical care for China's most disadvantaged populations, including the poor, those with disabilities, those in very rural areas, and those living on the fringe of society such as migrants and the homeless. In 2021, UFCH proudly earned recognition as an AAAA charity organization.





SPONSORS

