

SECTION V ENVIRONMENTAL AND SOCIAL RESPONSIBILITIES

1. ENVIRONMENTAL INFORMATION

(1) DESCRIPTION OF ENVIRONMENTAL PROTECTION OF THE COMPANY OTHER THAN KEY POLLUTANT DISCHARGING UNITS

The Company and its subsidiaries are not the key pollutant discharging units announced by the environmental protection department. The Company and its subsidiaries earnestly implement the *Environmental Protection Law of the People's Republic of China*, the *Law on the Prevention and Control of Environment Pollution Caused by Solid Wastes of the People's Republic of China*, the *Law of the People's Republic of China on Prevention and Control of Water Pollution*, the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution* and other environmental protection laws and regulations in their daily production and operation. The production and operation activities are in compliance with the relevant national environmental protection requirements.

(2) RELEVANT INFORMATION ON PROTECTING THE ECOLOGY, PREVENTING AND CONTROLLING POLLUTION, AND FULFILLING ENVIRONMENTAL RESPONSIBILITIES

The Company relies on its digital technology advantages to actively empower ecological environment protection as well as pollution prevention and control, promoting the construction of a beautiful China. In the field of ecological environment protection, it utilises digital platform technology to assist Hainan in building an integrated big data regulatory platform for the ecological environment, enhances ecological environment monitoring capabilities through informatisation and intelligence, and realises interconnection and sharing of various monitoring data to improve the quality of the ecological environment. In the field of pollution prevention and control, it uses a new generation of digital intelligence technology to build an environmental protection cloud platform, helping multiple provinces to significantly improve the level of air pollution prevention and control.

(3) MEASURES TAKEN TO REDUCE CARBON EMISSIONS DURING THE REPORTING PERIOD AND THEIR EFFECTS

The Company continuously implements various energy saving and emission reduction measures to reduce its carbon emissions. In terms of cloud-network infrastructure construction, the Company promoted the construction and deployment of national green datacentres, new generation of AIDC, ROADM all-fibre network and new metropolitan network comprehensive carrying capacity. In terms of cloud-network operation, the Company expanded AI energy-saving coverage and accelerated the green renovation of the facility rooms, the retirement of old equipment and the minimalist base station transformation. In terms of the consumption of green electricity, the Company actively participated in green electricity acquisition, constructed distributed energy and carried out energy cooperation. At the same time, it continuously strengthened sci-tech innovation, enhanced research and application of key core technologies in areas such as green and low-carbon as well as intelligent computing power efficiency and established a standard system for green datacentres. In the first half of 2024, the carbon emissions per unit of total volume of telecommunications services maintained a double-digit decrease year-on-year.

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2. CONSOLIDATION AND EXPANSION OF ACHIEVEMENTS IN POVERTY ALLEVIATION AND PROSPERITY OF RURAL VILLAGES

In the first half of 2024, the Company learned and applied the experience of the “Ten Million Projects”, highlighting the 3 key points of rural development, rural construction and rural governance, and implementing 5 major projects of technology empowerment, industrial development, consumption assistance, talent training and brand building, to help yield new results in poverty alleviation and reach new heights in rural revitalisation.

The Company maintained its efforts in poverty alleviation, steadily advancing various targeted support work. It directly purchased and assisted in selling agricultural products of RMB246.20 million, organised various types of talent training activities for 23,271 person-times and comprehensively promoted the smart and intelligent upgrade of digital villages, empowering rural industrial revitalisation, talent revitalisation, cultural revitalisation, ecological revitalisation and organisational revitalization with technology.

The Company successfully completed all tasks for the targeted support assessment in 2023, and has achieved the highest rating for 6 consecutive years in the review and assessment of targeted support carried out by central units, ranking in the top ten in central state-owned enterprises.

Note: This section contains the environmental and social responsibilities work of China Telecommunications Corporation, the Company's controlling shareholder, in the first half of 2024.