

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 firmly adheres to the principles of green development and is committed to implementing the national “dual-carbon” strategic goals, actively responds to climate change by promoting low-carbon operation and empowering the society to pursue sustainable growth.

1. The Company closely aligns with the national “dual-carbon” goal and its own strategic objectives, vigorously promotes “elements upgrading and integrated innovation”, emphasises on innovative development, and comprehensively promotes the green and low-carbon corporate transformation through the expansion and upgrade of the “1236” dual-carbon model into the “1248” dual-carbon action plan with eight major green initiatives and corresponding key measures.
2. Under the guidance of the national “dual-carbon” goal, the Company has been actively promoting low-carbon operations by building a green cloud-network, promoting green offices, green procurement, recycling, and optimising energy structures, and taking multiple measures to increase energy efficiency and reduce carbon emissions.

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3. The Company accelerates the green and low-carbon transformation of its business development mode, advocates green consumption by launching products and services such as cloud computers, cloud mobile phones, smart energy-saving applications and green IoT. The Company creates green IDC, green cloud hosts, smart cities and other products and services, accelerates the promotion and application of energy-saving and carbon-reducing technologies, and facilitates the formation of a green and low-carbon information and communication lifestyle.

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

The Company firmly follows the green and low-carbon high-quality development path, actively and steadily promotes carbon peaking and carbon neutrality, integrates green development into the whole process and all areas of production and operation, builds safe and green new information infrastructure with cloud-network integration, optimises energy structure, vigorously promotes advanced technologies of energy conservation and carbon reduction, empowers the digital and green transformation of the economy and society with a green and low-carbon product system, and accelerates the green reform in production and lifestyle. In the first half of the year, the Company reduced carbon emissions by more than 5 million tons and carbon emission intensity by more than 10% through a series of measures such as 4G/5G base station co-building and co-sharing, AI energy conservation, retirement of old equipment and green transformation of equipment rooms.

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

In the first half of 2023, the Company studied and planned the rural revitalisation and targeted support work for 2023. Putting the Company's edge in cloud-network integration into full play and leveraging on the construction of digital villages, the Company focused on areas such as industrial support, employment support and consumption support to better consolidate and expand the effective connections between the achievements of poverty alleviation and rural revitalisation.

The Company accelerated the implementation of key tasks for targeted support, directly purchased and assisted in selling agricultural products of RMB88 million, organised various types of talent training activities for 9,052 persons, provided employment for 1,325 persons in poverty alleviation areas, actively researched and developed digital village products and formulated the implementation plan for demonstration points, built 231,000 China Telecom digital villages and empowered rural industrial revitalisation, talent revitalisation, cultural revitalisation, ecological revitalisation and organisational revitalisation with the construction of digital villages.

The Company successfully completed all tasks for the targeted support assessment in 2022, and has achieved the highest rating for 5 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 2023.