

# LEADER IN FULL LIFE CYCLE DECARBONIZATION

Data centers provide data storage, computing power, and applications that are powering the digital transformation of all industries. With growing business demand comes greater challenges to the green development of data center industry. Chindata's DATA ESG Strategy System addresses these challenges, and propels us to the forefront of the industry in zero-carbon development. Through green site selection, green construction, and green operation, we are advancing the low-carbon transformation of data centers, creating green data centers with the capacity to convert electric power into computing power in the most efficient way possible.

## 2021 ENVIRONMENTAL DATA

### ● POWER CONSUMPTION

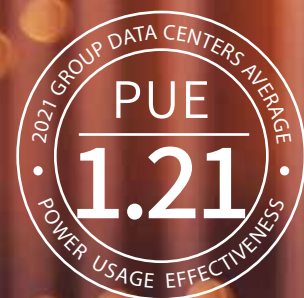
Total power consumption ..... 1,796.45 GWh  
 Power consumption by data centers ..... 1,791.95 GWh

### ● ENERGY <sup>1</sup>

Purchased renewable energy volume ..... 188,128.90 MWh  
 Total renewable energy consumption ..... 188,128.90 MWh  
 Total energy consumption ..... 1,799,097.26 MWh  
 Energy consumption - Purchased Power .... 1,748,662.57 MWh  
 Energy Consumption - Diesel ..... 47,791.96 MWh  
 Energy Consumption - Natural Gas ..... 58.37 MWh  
 Energy Consumption - Coal ..... 2,305.65 MWh  
 Energy Consumption - Gasoline ..... 283.21 MWh

### ● WATER RESOURCE <sup>2</sup>

Water consumption ..... 1,511,875.72 t  
 Water consumption intensity ..... 530.48 t/RMB 1 million



In 2021, the Group's data centers achieved an average PUE (Power Usage Effectiveness) of 1.21, putting it at the top of the industry. Taihang Mountain Energy and Information Technology Industrial Campus of the Pan-Beijing Area was included in the list of the 2020 National Green Data Centers, and named a "2021 Model National New Data Center (Green and Low-Carbon Category)."

1. Energy consumed by Chindata Group covers purchased power, diesel, coal, natural gas, and gasoline. For unit conversion, please refer to the *General Rules for Calculation of Comprehensive Energy Consumption 2020*.  
 2. Water consumed by Chindata Group includes groundwater and municipal water supply. Water consumed by properties outside Beijing is beyond the operational control of Chindata Group.

Chindata Group has identified electricity consumption as the primary source of carbon emissions at its data centers, and in 2020, we developed a roadmap to carbon neutrality, aimed at increasing the proportion of renewable energy we use taking into account our needs. In 2021, we upgraded our carbon neutrality goals to achieving 100% clean energy at all the data centers we operate globally by 2040. This heralds the start of zero carbon journey that Chindata's hyperscale data centers in Malaysia, India, Thailand, and other Asia Pacific emerging markets have embarked on, and demonstrates Chindata's determination to realize decarbonization in Asia Pacific.

## CHINDATA GROUP'S CARBON NEUTRALITY ROADMAP

