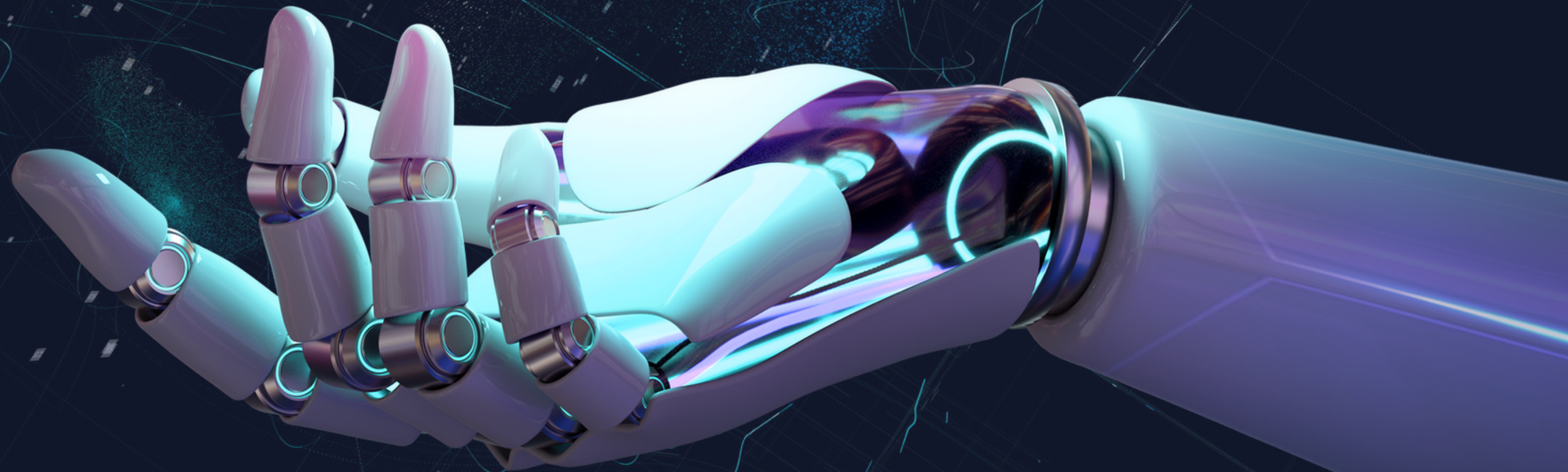




ROMANIA DATA CENTERS



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FOREWORD

Just as the 20th century marked a new era in human civilization through the industrial revolution, the 21st century is undeniably all about technology reshaping both our society and our everyday experiences. 23 years ago, at the time of the dotcom bubble burst, only 7% of the global population had internet access. Today, more than 5 billion people are connected to the internet, with an estimated 100 zettabytes of data generated currently per year.

Consequently, this exponential expansion has given rise to a corresponding growth in the data center industry, with more than 8,000 operational data centers worldwide.

In recent times, the energy crisis resulting from the Russia-Ukraine conflict, the need for operators to reduce costs but, most significantly, the impending threat of climate change, have intensified the need to transition toward the development of sustainable data centers. Projections now indicate that by 2025, data centers' energy consumption is set to contribute to 3.2% of the world's total carbon emissions, potentially consuming as much as 20% of the global electricity supply.

Romania possesses distinct strategic advantages for data center development, including a substantial proportion of renewable electricity sources, energy self-sufficiency and an availability of large land plots at more competitive prices than those found elsewhere in Europe. Since the data center industry in Romania is still in its infancy, with a limited stock, the following report will explore the opportunities Romania provides to data center operators, its strong suits as well as its weak points and the prospective development of the sector in the following years.

ROMANIA IN NUMBERS



**19.05 M
INHABITANTS**

52.2% live in urban areas
79/sqm density

**87%
FTTP COVERAGE**

37% above EU average

**30*
DATA CENTERS**

60.8 MW capacity
37,200 sqm

**€286.5 B
2022 GDP**

€15,039 GDP per capita, 2022

**26.8%
5G COVERAGE**

54.2% under EU average

*This study relies on Crosspoint Real Estate findings and data provided by TeleGeography for the express purpose of this research. It is important to note that the list of data centers may not be exhaustive.



**INFRASTRUCTURE &
TECHNOLOGY**



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