Middle East, Türkiye, and Africa Datacenter Trends: Sustainable Datacenter Builds and CO2 Emissions

Middle East, Türkiye, and Africa (META) is experiencing a significant increase in datacenter investments due to, among others, cloud provider's decentralization strategies, businesses and governments prioritizing digital-first approaches, and growing infrastructure investments fueled by AI advances. Government initiatives to boost the digital economy and diversify economic contributions are also contributing to this investment trend.

The objective of the *Middle East, Türkiye, and Africa Datacenter Trends: Sustainable Datacenter Builds and CO2 Emissions* service is to provide various datacenter stakeholders — including providers, investors, strategists, vendors, government, and regulatory authorities — with quantitative insights into current and future datacenter market deployments in the Middle East, Türkiye, and Africa. The service centers on a new datacenter deployment model developed internally to derive and forecast datacenter capacities, energy consumption, and investment trends across the region.

The service offers detailed information on various datacenter types, including key metrics such as space usage, power capacity, and rack quantities, as well as sustainability measures. This information helps analyze market trends and enables informed decision-making based on solid data and sustainable practices. Additionally, the service provides insights into enterprise preferences and the supply-side view of datacenter infrastructure in major META countries.

MARKETS AND SUBJECTS ANALYZED

- Current demand and outlook for datacenters
- Datacenter deployment trends (across various datacenter-related areas, including commercial edge, enterprise branch, small and medium-sized businesses, internal enterprise datacenters, retail colocation, wholesale colocation, cloud service providers/internet giants, and communication service providers)
- Space usage metrics
- Power capacity metrics
- Energy consumption measures
- Rack quantities
- Sustainability measures
- Enterprise preferences
- Datacenter infrastructure trends

CORE RESEARCH

- Middle East, Türkiye, and Africa Datacenter Deployment Models
- South Africa Datacenter Infrastructure Market Overview
- Saudi Arabia Datacenter Infrastructure Market Overview

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Middle East, Türkiye, and Africa Datacenter Trends: Sustainable Datacenter Builds and CO2 Emissions.

KEY QUESTIONS ANSWERED

1. What datacenter deployment trends are currently evident in the Middle East, Türkiye, and Africa?
2. What power capacities, space, and racks are available in META datacenters, and how are they distributed?
3. What sustainability measures are in place in META datacenters, and how environmentally friendly are their practices?
4. What are META organizations' preferences and requirements regarding datacenter solutions?
5. What are the latest trends and developments in datacenter infrastructure in the META region?

COMPANIES ANALYZED

This service reviews the strategies, market positioning, and future direction of several providers in the sustainable datacenter builds and CO2 emissions market, including:

Equinix, Khazna, Africa Data Centres, Teraco, Vantage, Telkom's BCX, MTN Business, Center3, Mobily, GDH, Quantum Tamasuk, Nournet, DETASAD, MIS, Salam, Meeza, Ooredoo, Quantum Switch, Mannai Datacenters, Omantel, and Zain.