

AUGMENTING VALUE

GCC DATACENTER MARKET OUTLOOK : A STRATEGIC PERSPECTIVE TO 2030

Report Flyer

With its strategic location bridging Europe, Asia, and Africa, the GCC is fast emerging as a powerhouse destination for global data center investments.



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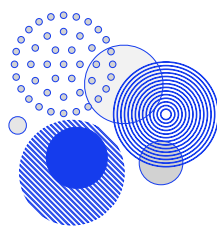
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Nearly US\$ 75 billion of investment is anticipated in GCC’s datacenter market by 2027

■ How are GCC nations accelerating a new era of digital expansion—where hyperscale datacentres emerge as the backbone of economic diversification, AI adoption, and cloud-driven growth? Discover the strategic edge shaping this transformation with [Eninrac’s “GCC Datacentre Market Outlook: A Strategic Perspective to 2030”](#)

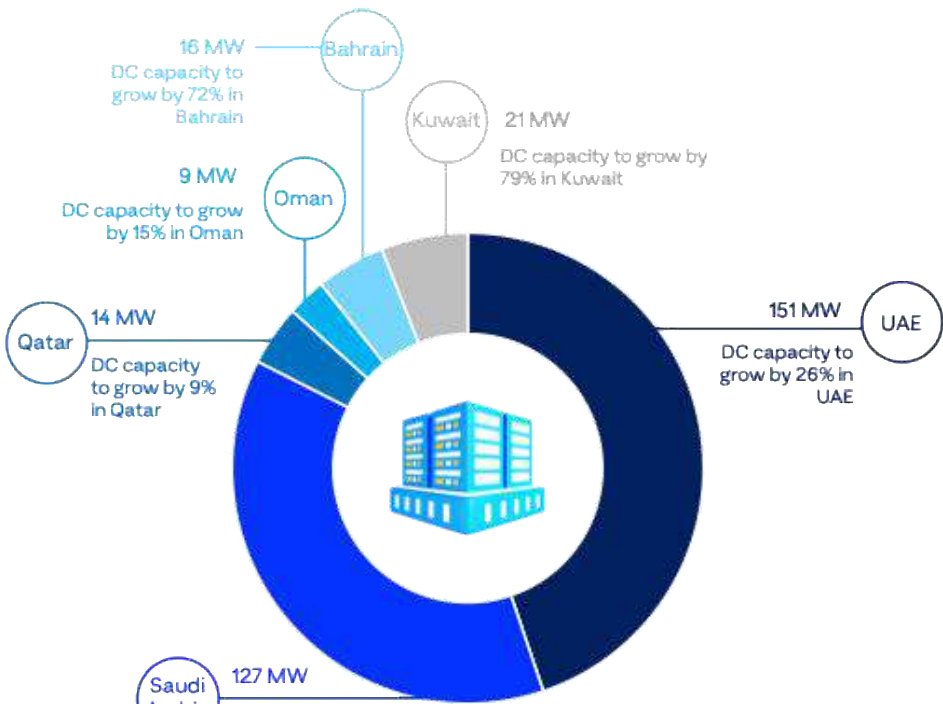
The GCC datacentre market in 2025 is positioned for unprecedented expansion, with Saudi Arabia and the UAE leading a fast-evolving landscape driven by sovereign projects, AI infrastructure ambitions, and accelerated enterprise cloud adoption. Capacity build-outs, regulatory modernization, and government incentives have transformed the region into a magnet for global and regional investment across hyperscale, colocation, and AI-ready datacentre assets.

Saudi Arabia and UAE anchor the GCC datacentre expansion, with Center3 targeting 1 GW total capacity by 2030, mostly in Saudi Arabia and Bahrain. UAE is set to increase its operational datacentre capacity by 165% by 2028, with investment pipelines exceeding USD 46 billion and an active buildout of 17 new facilities. Bahrain and select other MENA markets are experiencing parallel growth, spurred by digital transformation initiatives and public-private partnerships.

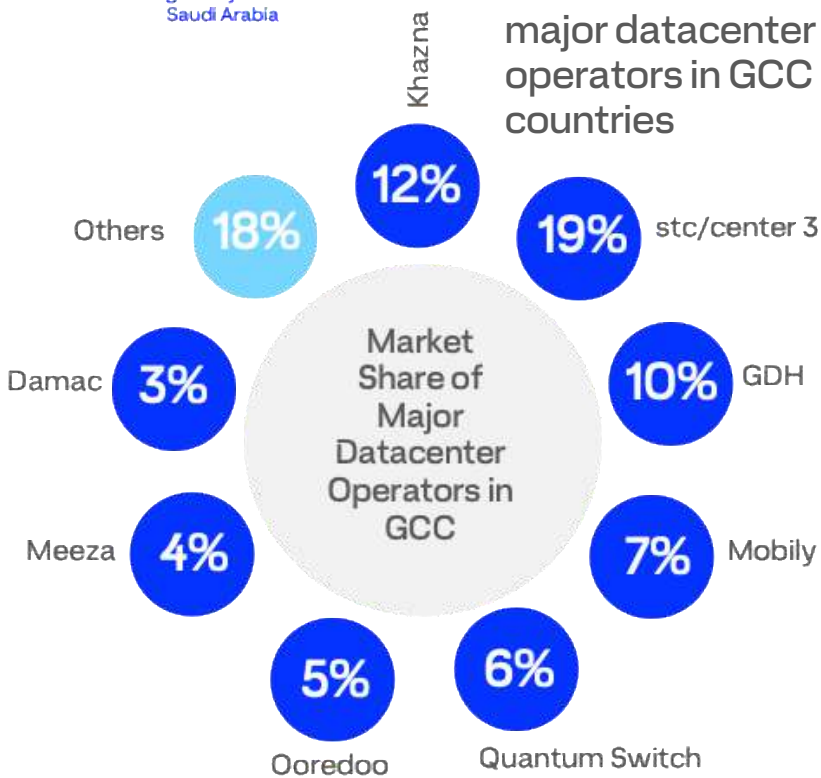
The UAE has set ambitious goals to become a global leader in Artificial Intelligence (AI). AI is expected to contribute over USD 96 billion to the country’s GDP by 2031, with annual growth projected between 20-30%.

Saudi Arabia’s datacentre expansion capacity stands at 1963 MW, concentrated across key hubs. Neom leads with 1000 MW, reflecting its commitment to become the primary digital and commercial center. Dammam and Riyadh follow with 241.25 MW and 191.75 MW respectively, supported by strong colocation and hyperscale upcoming projects. Other regions collectively add 495 MW, showing growing nationwide infrastructure expansion beyond major metros.

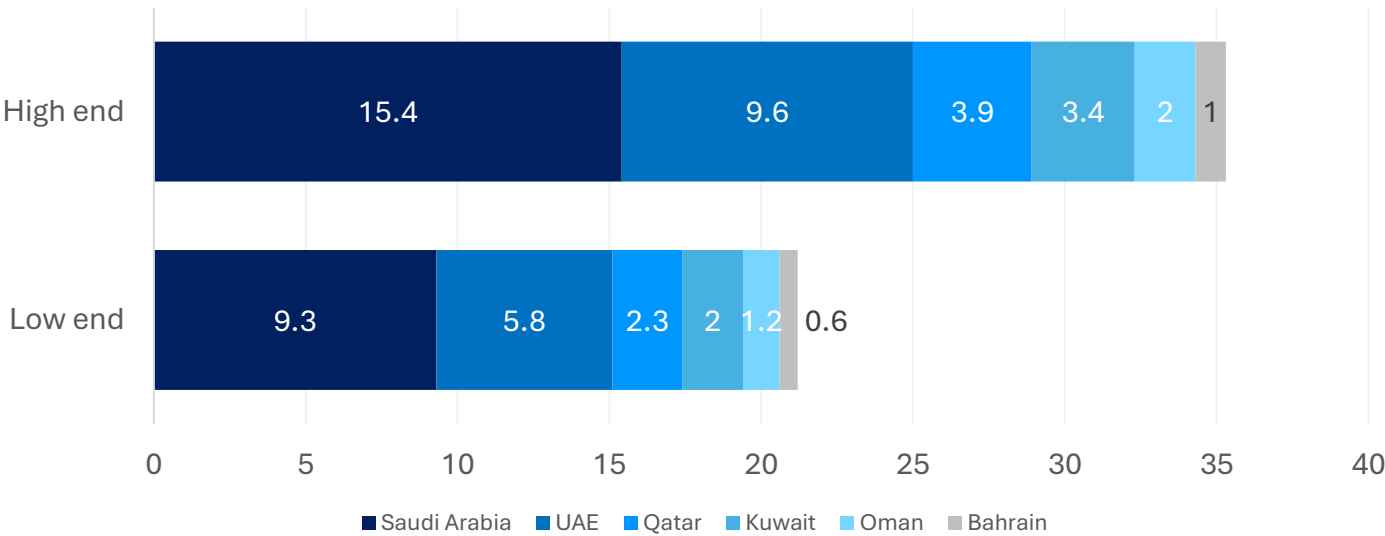
Country wise under construction datacenter capacity in GCC, anticipated to be live by 2026, in MW



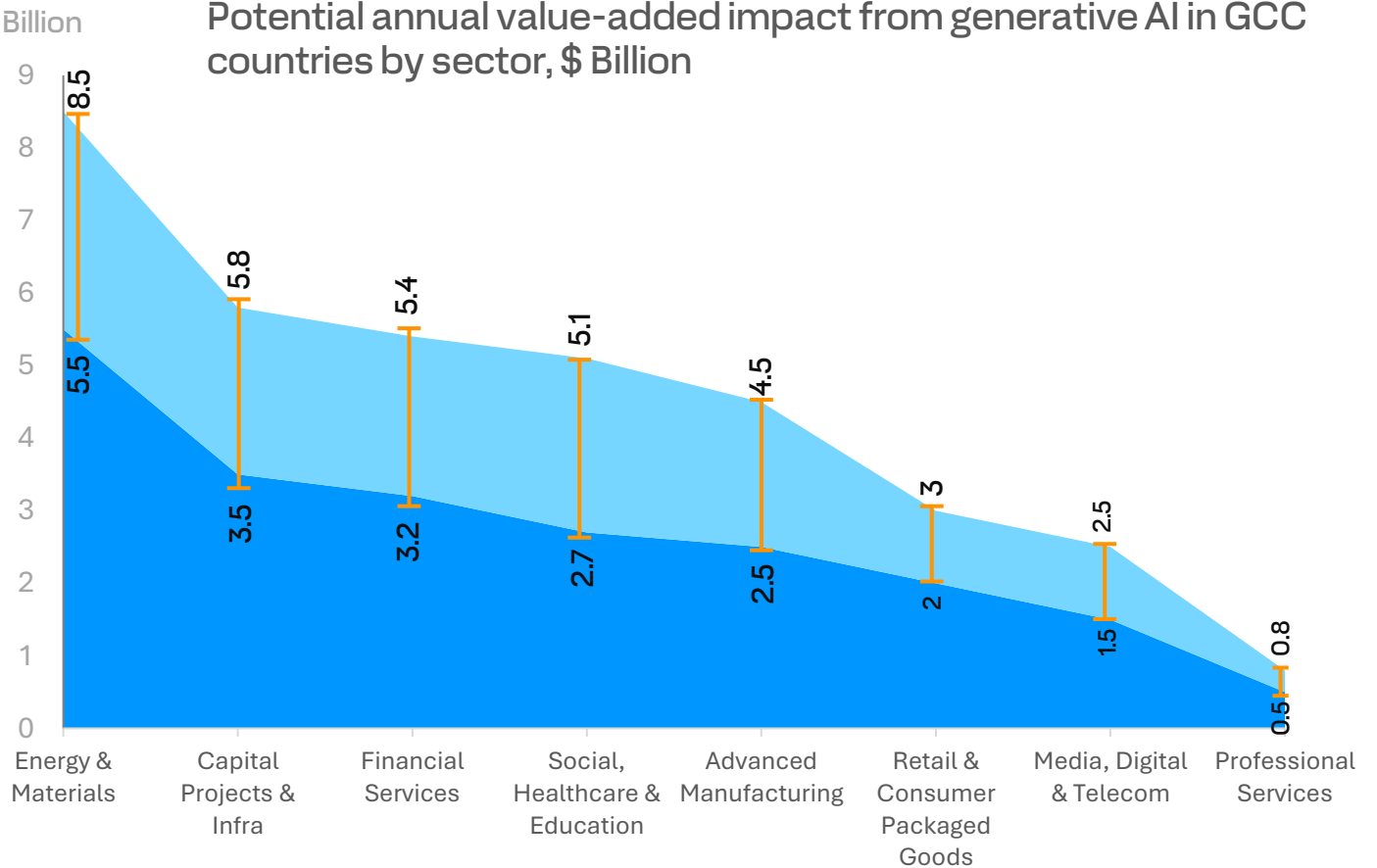
Market share of major datacenter operators in GCC countries

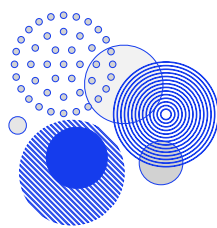


Potential annual value-added impact from generative AI by GCC country, \$ Billion



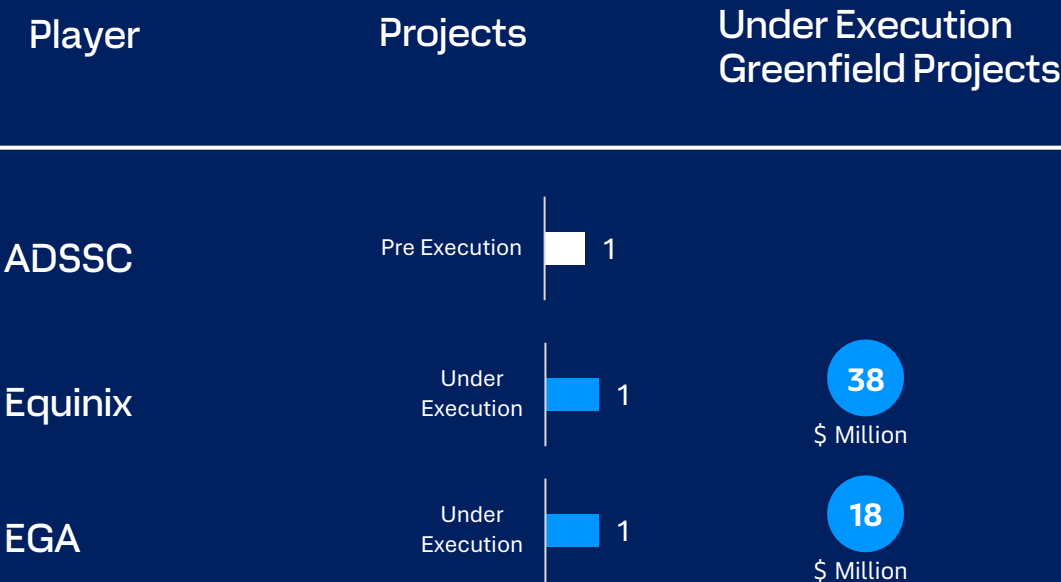
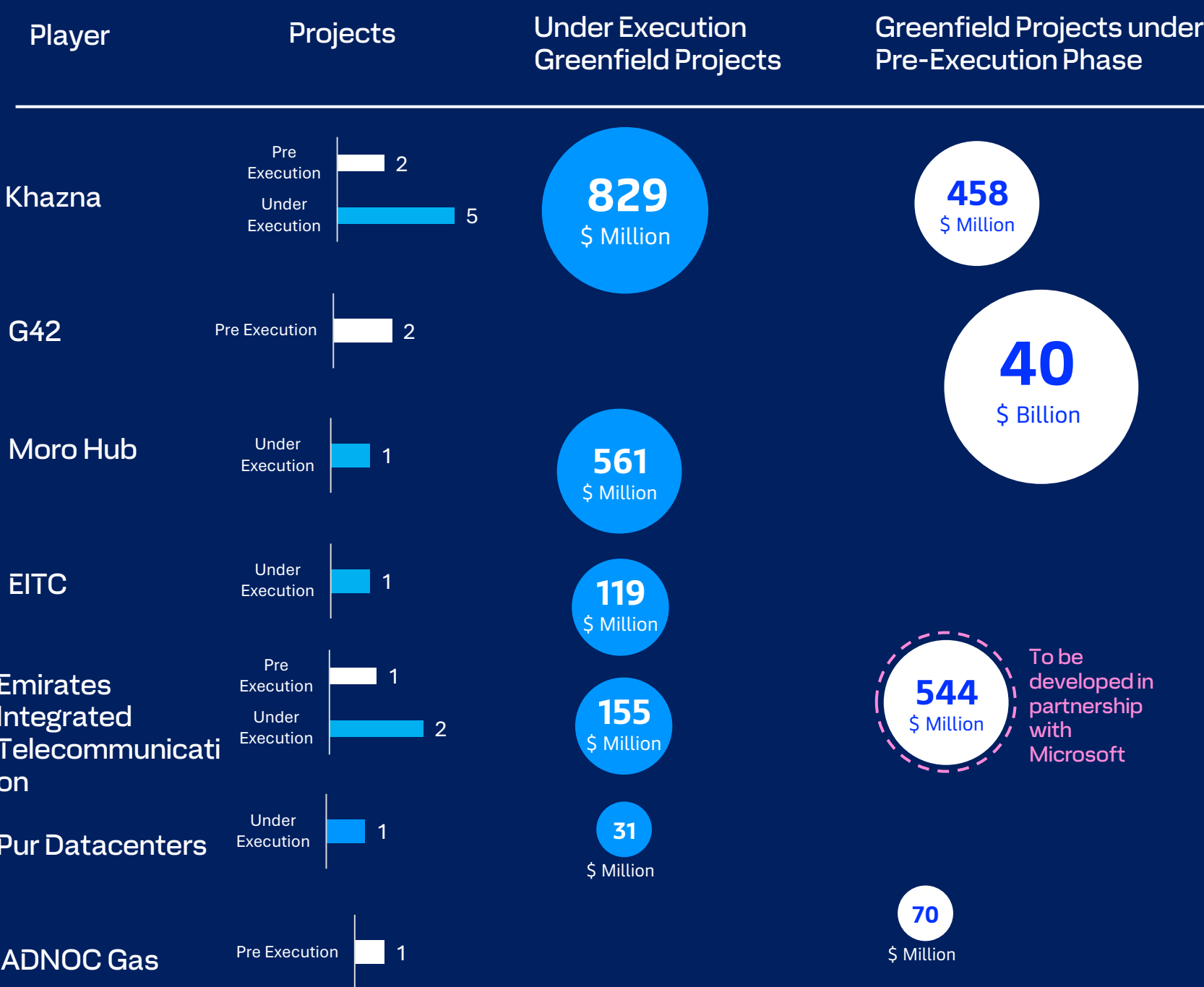
Potential annual value-added impact from generative AI in GCC countries by sector, \$ Billion



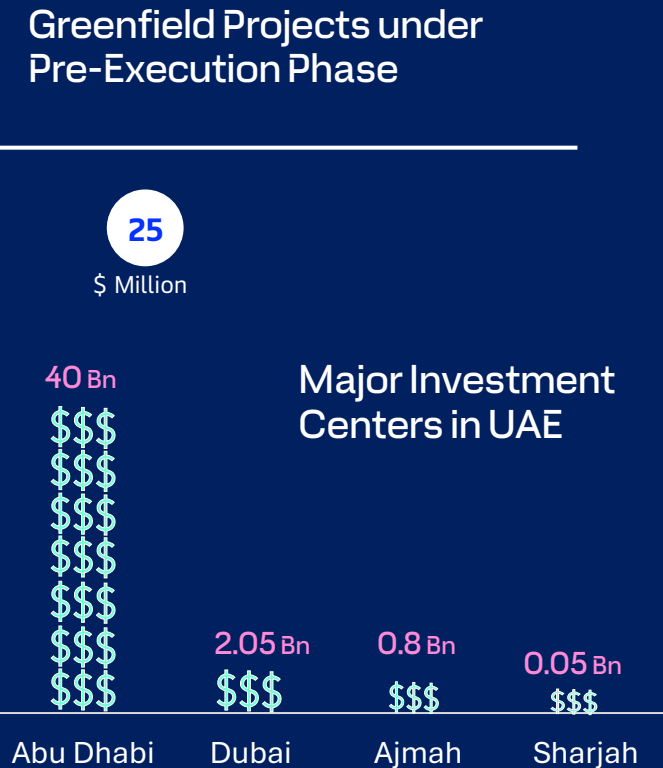
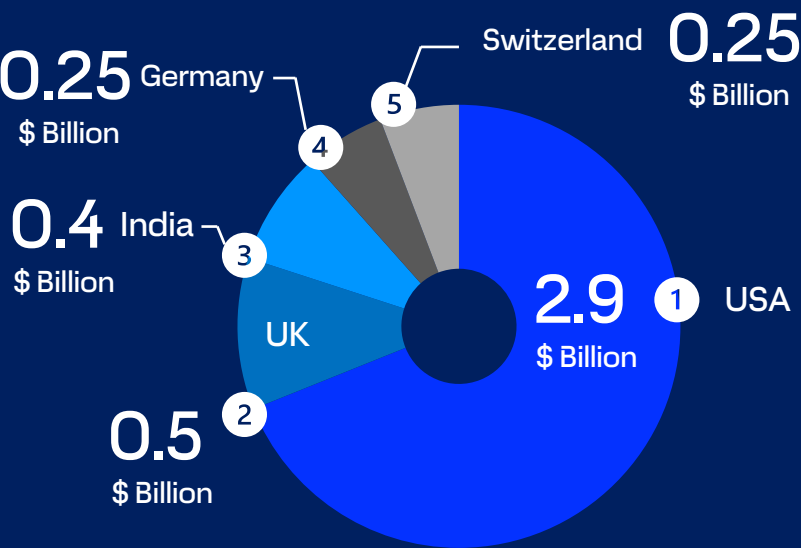


Nearly USD 42 Billion of capital expenditure is anticipated for green datacenter projects in UAE by 2029

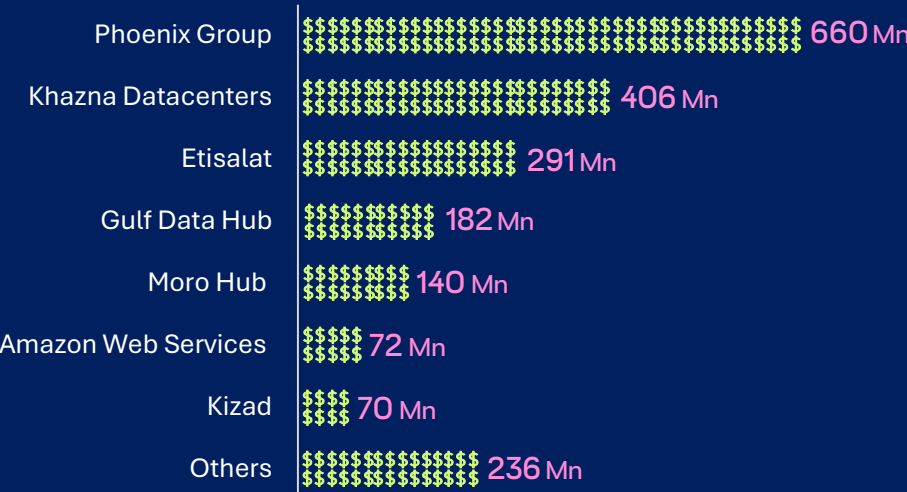
Underlying Opportunity in UAE’s datacentre market space, \$ Billion (Bn)



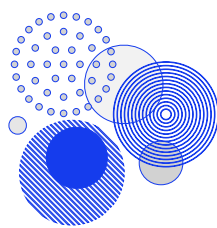
Greenfield FDI inflows in Information & Communication Technology and Internet Infrastructure in UAE



Existing Investments of Key Players in Datacenters Market Space



Source: eninrac consulting, Emirates NBD



The Addressable Market

The GCC data center ecosystem has entered a phase of accelerated maturity. As of 2025, the region hosts an estimated **129 operational facilities with an aggregate IT load between 870–900 MW**. Saudi Arabia and the UAE account for over two-thirds of this capacity, driven by hyperscale and sovereign digital infrastructure investments. An additional **4,000 MW of capacity is under development between 2024 and 2028**, positioning the GCC as one of the fastest-growing data center hubs globally. Annual CapEx investment is projected at **USD 3.1 billion**, focused on civil works, power systems, and MEP infrastructure. **Khazna Data Centers (UAE)** remains the dominant player, holding approximately 70 percent market share across operating and under-construction capacity. The market remains predominantly colocation-led, though hyperscale and edge facilities are set to expand their footprint over the next decade.

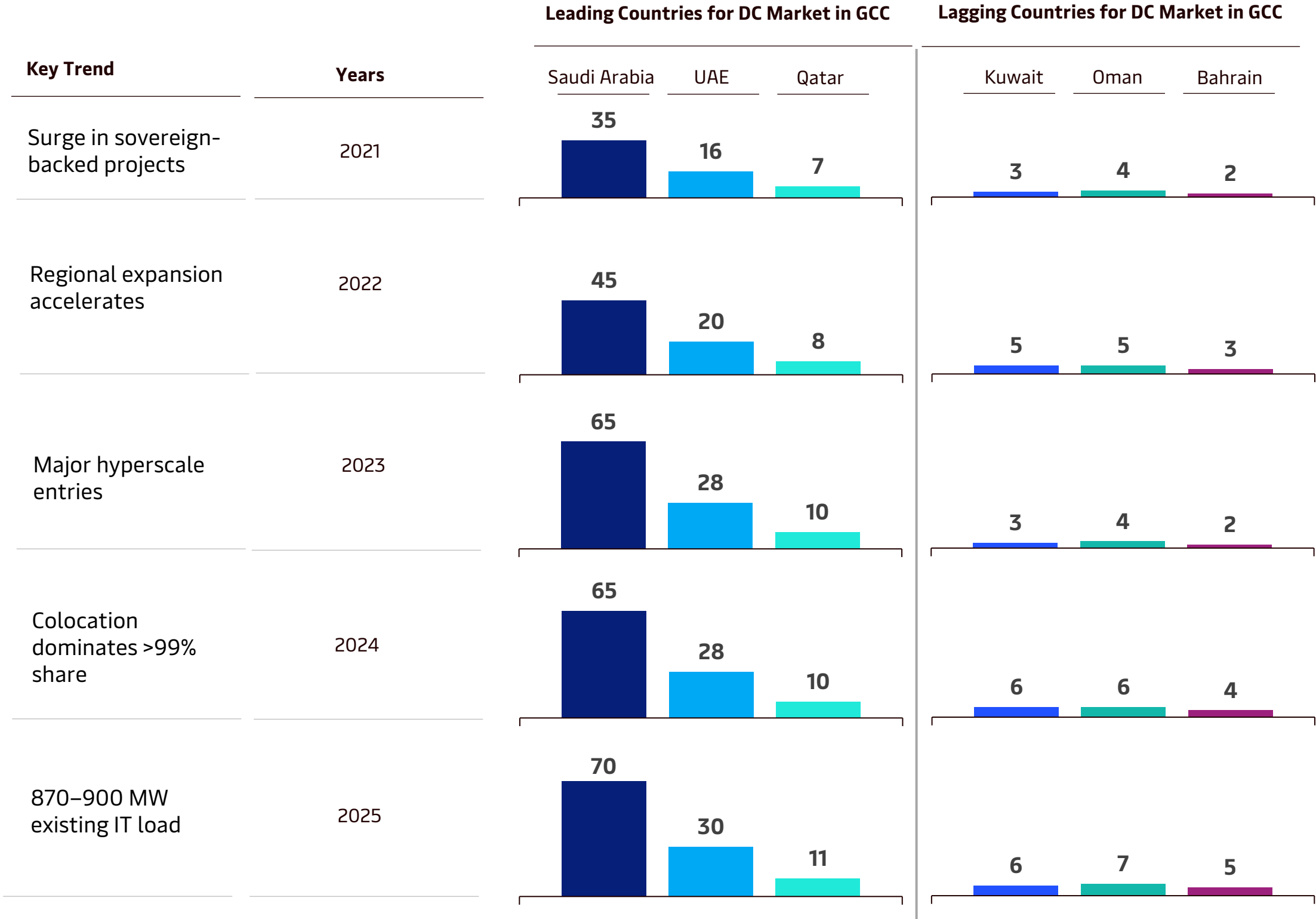
IT Load Growth Trend (2018–2030): Scaling for Digital Sovereignty

The GCC and wider Middle East data center capacity has grown nearly **3.5 times between 2018 and 2025**, propelled by rising hyperscale demand, cloud localization mandates, and enterprise digitization. IT load across the Middle East increased from **~330 MW in 2018 to ~900 MW in 2025**, with projections crossing **1,300 MW by 2030**. This capacity expansion reflects a clear regional intent to build sovereign digital ecosystems capable of supporting artificial intelligence, IoT networks, and data-intensive applications. The largest share of this incremental load is being absorbed by hyperscale data centers and government-backed digital infrastructure programs.

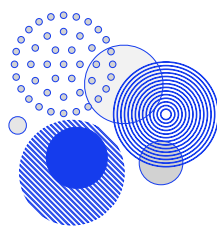
Facility Type Evolution: Transitioning Beyond Colocation Dominance

While **colocation** remains the backbone of GCC data infrastructure with over **99 percent share in 2024**, market dynamics are gradually shifting. The **rise of hyperscale facilities (5–7 percent projected by 2030)** signals the maturing of cloud-native demand and digital transformation initiatives. Simultaneously, edge computing is gaining ground, expected **to reach 7–10 percent of facilities by 2030**. **Edge deployments will be driven by smart city programs, 5G rollouts, and AI-enabled low-latency** applications across logistics, energy, and fintech sectors. This evolution marks a structural decentralization of data infrastructure, where hyperscale and edge nodes complement the colocation base, **enabling both national data sovereignty and operational resilience**.

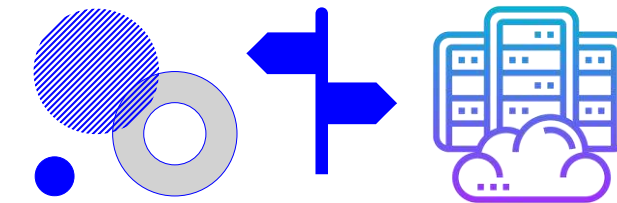
GCC’s Data Center Landscape (Maturity Rate & Trend)



Source: eninrac consulting, GulfDCA, SDAIA, TDRA UAE, MOTIC



Datacentres are recognized as critical national infrastructure across GCC nations and receive strong policy-level support. In a notable recent development, Saudi Arabia unveiled *Project Transcendence*, a US \$100 billion AI initiative aimed at positioning the Kingdom as a global leader in advanced digital capabilities. The sector is also benefiting from substantial investment in enabling infrastructure, especially connectivity. An expanding subsea cable network continues to strengthen the region's strategic advantage as a digital bridge linking Asia, Europe, and the United States. Across the GCC, governments are competing to accelerate digital transformation and establish themselves as regional and global hubs for AI. Key drivers to the growth of datacentre market across the GCC countries -



40%

Average Cloud Adoption
Rate in GCC by 2030

Strategic Location

Strategically located within a 2000 mile radius of more than 3 billion people across Europe, Asia, and Africa, ideal for hosting non-latency-sensitive inferencing services at scale, and as a provider of AI computing services to the Global South.

Key Signpost – What makes GCC nations , an attractive location for investments in datacenters ?

Quicker-time-to-market

Dedicated investment teams, DC clusters within Special Economic Zones (e.g., Stargate campus in Masdar city), and streamlined regulatory processes, including fast-track permits that simplify licensing and shorten time to DC completion

US\$/kWh 0.057

(Av. Tariff)

Competitive Power
Tariffs

50%

Lower leasing costs compared
to the global average

1 Digital Transformation

As the population and businesses across the GCC embrace new technology, demand for data storage and processing power from datacentres grows exponentially. The GCC has a particular propensity to adopt to new technology given its younger demographic profile with around 50% of the population under 30

3 Government Initiatives

In efforts to diversify economic growth and move away from oil dependency, governments across the GCC are actively promoting the development of their tech sectors. Policy initiatives and national strategies like the 2030 Vision Plans and Smart City developments are aimed at attracting investment, fostering innovation and promoting digital transformation

5 Artificial Intelligence (AI)

This is a demand driver that warrants a separate category of its own, such is the transforming effect it is having on the growth and shape of the sector. AI demands higher data processing and storage requirements with significantly greater power needs. New facilities are now being designed with much higher rack densities than before posing an obsolescence risk to older datacentres that need to upgrade their electrical and thermal capabilities.

2 Cloud Adoption

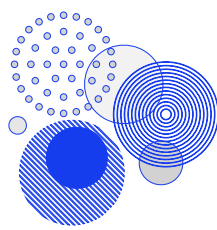
Cloud computing services especially public and hybrid cloud are increasingly being adopted by both private enterprise and public sector organizations. As enterprise moves away from on-premise IT infrastructure, the demand for cloud enabled datacentres grows. The current and announced cloud regions in the GCC by major cloud providers such as AWS, Microsoft and Google. This year, AWS announced it will invest \$5.3B in Saudi Arabia alone to support the growth of cloud adoption.

4 5G Rollout and Emerging Technologies

The deployment of 5G networks and the rise of emerging technologies such as the Internet of Things (IoT), Augmented Reality (AR)/ Virtual Reality (VR), autonomous vehicles etc, is creating new data processing requirements to support low latency applications, leading to increased demand for edge computing solutions.

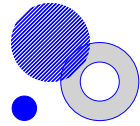
6 Data Sovereignty Requirements

As countries implement stricter data residency and sovereignty laws, there is increasing demand for local datacentres to confine data within a country's borders.



Market Research Report

Why Eninrac’s research report on GCC
Datacentre market outlook: A strategic
perspective to 2030



Must Buy For

- Data Centre Developers (Hyperscale, Colocation, and Edge)
- Cloud Service Providers (Global & Domestic)
- Telecom Operators & Network Infrastructure Providers
- Power Utilities & Renewable Energy Developers
- Independent Power Producers (IPPs)
- Real Estate & Infrastructure Developers
- EPC Companies for Data Centre Projects
- MEP, HVAC & Electrical Systems Integrators
- Data Centre Equipment OEMs (Cooling, UPS, Switchgear, IT Hardware)
- Fiber Network & Connectivity Providers
- Battery Storage & Energy Management Solution Providers
- Consulting & Engineering Advisory Firms (Design, Feasibility, Compliance)
- Government Agencies & Regulatory Authorities (Digital Infrastructure, Power, Urban Development)
- Investment Banks & Infrastructure Funds
- Private Equity & Venture Capital Investors in Digital Infrastructure
- Export Credit Agencies (ECAs) & Development Finance Institutions
- Technology Solution Providers (AI, Automation, and DCIM Platforms)



Companies Mentioned

- Centre3 Datacentre
- Mobily Datacentre
- Ooredoo QSC Datacentre
- Equinix Datacentre
- Gulf Data Hub Datacentre
- Batelco
- MEEZA
- Khazna Datacentre
- Etisalat (e&)
- QST



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More in Datacentre Series





The life of a man consists not in seeing visions and in dreaming dreams, but in active charity and in willing service

- Henry Wadsworth Longfellow

About Eninrac

Eninrac Consulting is a global market research and advisory firm that specializes in providing comprehensive insights and strategic solutions across various industries. Our services are designed to help businesses navigate market complexities, identify growth opportunities, and achieve sustainable success.

Eninrac's USP lies in its ability to deliver pragmatic, data-driven solutions tailored to the unique needs of each client. By maintaining close collaboration and adopting a hands-on approach, they ensure that their insights are actionable and aligned with clients' strategic objectives. This personalized guidance through diverse markets and cultures sets them apart in the consulting landscape. By leveraging the services offered, Eninrac Consulting empowers businesses to improve processes, understand customers, and solve problems effectively, thereby driving growth and maintaining a competitive edge in their respective industries.

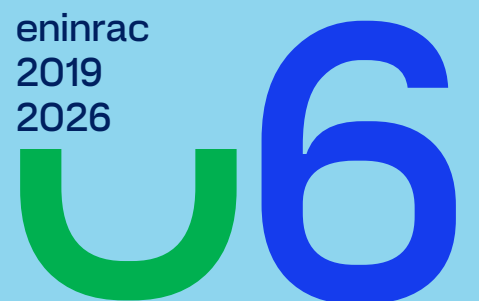
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