

COMPANY OVERVIEW 2025

HARCH CORP

Sovereign Infrastructure Conglomerate

Harch Corp builds Africa's industrial sovereignty through the vertical integration of AI, energy, and technology. Operating across 8 subsidiaries in 5 countries with a \$2.4B+ investment pipeline, we control the entire value chain from raw material to finished product.

Founded 2024 | Casablanca, Morocco

8 Subsidiaries | 5 Countries | \$2.4B+ Pipeline

About HarchCorp

Harch Corp is a sovereign infrastructure conglomerate founded in Casablanca, Morocco, with a clear mission: build Africa's industrial sovereignty through the vertical integration of AI, energy, and technology. We operate across 8 subsidiaries in 5 countries, controlling the entire value chain from raw material to finished product. Founded in 2024 by Amine Harch El Korane, Harch Corp represents a new paradigm in African industrial development one that combines cutting-edge technology with renewable energy to create sustainable, sovereign infrastructure that serves the continent's growing demand for compute, connectivity, and clean power.

\$2.4B+ Investment Pipeline	8 Subsidiaries	5+ Countries	3,200+ Jobs Target
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Our approach is fundamentally different from traditional infrastructure companies. Rather than importing technology and expertise, we are building indigenous capability across the entire stack from energy generation through data center operations to AI platform services. This vertical integration ensures that every component of our infrastructure is optimized for African conditions, from the high solar irradiance of the Sahara to the strategic Atlantic coastline that provides direct submarine cable connectivity to European financial centers in under 8 milliseconds. The result is infrastructure that is not only technically superior but also economically transformative, creating thousands of high-skill jobs and generating billions in revenue while maintaining a carbon footprint that is 89% below the industry average.

Our Mission

To build Africa's industrial sovereignty through the vertical integration of AI, energy, and technology, creating infrastructure that converts the continent's natural potential into sustainable economic power. We believe that true sovereignty requires controlling the full stack, from the energy that powers data centers to the AI platforms that drive innovation. Every Harch Corp subsidiary exists to reinforce this vertical integration strategy, ensuring that Africa's digital future is built on African terms.

"Convert Potential Into Power" - Our tagline encapsulates our core belief: Africa's vast renewable energy potential, strategic geography, and young workforce are the raw materials for a new era of sovereign industrial capability.

The Vertical Integration Model

Harch Corp's competitive advantage lies in its vertically integrated structure. Unlike competitors who specialize in a single layer of the infrastructure stack, we control every stage from raw energy generation to AI compute delivery. This integration eliminates intermediaries, reduces costs by up to 72%

compared to European operators, and ensures quality and reliability across the entire chain. Our subsidiaries are not independent business units they are interconnected components of a unified system designed to maximize efficiency and minimize waste at every step.

Layer	Subsidiary	Capability	Strategic Value
Energy	Harch Energy	2GW+ renewable pipeline	\$0.018/kWh energy cost
Infrastructure	Harch Intelligence	1,798 GPUs, 5 hubs	PUE <1.15, 8ms to EU
Technology	Harch Technology	Sovereign AI Platform	ISO 27001, SOC 2
Materials	Harch Cement	500kT/yr production	Local construction supply
Resources	Harch Mining	3 deposits, strategic minerals	Raw material sovereignty
Agriculture	HarchAgri	50,000 ha smart farming	Food security platform
Water	Harch Water	200M m3/yr desalination	Water sovereignty
Finance	Harch Finance	Green bonds, carbon credits	Cross-vertical funding

Table 1: Harch Corp vertical integration stack and strategic value per subsidiary

Strategic Geographic Advantage

Morocco's unique geographic position provides Harch Corp with unparalleled advantages for data center and AI infrastructure operations. Situated at the crossroads of Europe and Africa, with 3,500 km of Atlantic coastline and proximity to the Sahara Desert, Morocco offers the rare combination of excellent renewable energy resources, direct submarine cable connectivity to Europe, and a stable political and regulatory environment. The country's solar irradiance of 2,800 kWh/m²/year is 40% above Southern Europe, while average wind speeds along the Atlantic coast reach 9.7 m/s, among the highest globally for onshore wind generation. These natural advantages translate directly into lower operating costs: our energy cost of \$0.018/kWh is 72% below the European average, and free cooling is available for approximately 8,500 hours per year, dramatically reducing the energy required for data center thermal management.

8ms Latency to Europe	2,800 kWh/m ² /yr Solar	\$0.018 Per kWh Energy	8,500 Hrs Free Cooling/yr
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The submarine cable infrastructure connecting Morocco to Europe is among the most robust in Africa, with 14 cable systems providing over 80 Tbps of capacity and dual diverse paths ensuring redundancy. This connectivity positions Harch Corp's data centers as natural extensions of European financial and enterprise infrastructure, offering sub-30ms latency to major European financial centers while maintaining data sovereignty under Moroccan and African Union regulatory frameworks. For organizations subject to GDPR and other data residency requirements, our infrastructure offers a compelling alternative to US-based cloud providers, with comparable performance and superior carbon metrics.

Investment Pipeline and Growth Trajectory

Harch Corp has assembled an investment pipeline exceeding \$2.4 billion across its eight subsidiaries, representing one of the largest private infrastructure development programs in African history. The investment is structured in three phases, with Phase 1 (100MW) scheduled for Q3 2027, Phase 2 (200MW) for Q1 2028, and Phase 3 (500MW) for Q4 2028. The financial projections are compelling: a 5-year revenue forecast of \$1.9B, a base case IRR of 24.7%, and an NPV at 12% discount rate of \$2,850M representing a 4.6x return on invested capital. These projections are underpinned by the structural cost advantages of Moroccan operations, the growing global demand for AI compute, and the strategic positioning of our infrastructure to serve both African and European markets.

Metric	Value	Context
5-Year Revenue	\$1.9B	137% CAGR from base year
Base Case IRR	24.7%	~30 month payback period
NPV (12%)	\$2,850M	4.6x return on invested capital
Phase 1 Capacity	100MW	Q3 2027 commissioning
Phase 2 Capacity	200MW	Q1 2028 expansion
Full Build-out	500MW	Q4 2028 target completion

Table 2: Key financial and operational metrics for Harch Intelligence

Sustainability Leadership

Sustainability is not a department at Harch Corp; it is the foundation of our business model. Our carbon-aware scheduling system dynamically routes workloads to the hub with the lowest carbon intensity at any given time, achieving an average carbon intensity of approximately 47 gCO₂/kWh, which is 89% below the global data center industry average of 440 gCO₂/kWh. Our Ouarzazate hub operates at just 18 gCO₂/kWh, making it one of the cleanest AI compute facilities on Earth. These metrics are not aspirational targets they are the direct result of our vertical integration strategy, which

ensures that every watt of power consumed by our data centers comes from dedicated renewable installations built and operated by Harch Energy. With an average renewable energy fraction of 81.5% across our five hubs, we are already exceeding the sustainability targets that most competitors have only committed to achieving by 2030 or later.

Carbon-Aware Scheduling: Our proprietary system dynamically routes AI workloads to the hub with the lowest real-time carbon intensity, achieving ~47 gCO₂/kWh average - 89% below the industry average of 440 gCO₂/kWh. This is not offset purchasing or renewable energy credits; it is genuine operational carbon reduction through intelligent workload placement.

Subsidiary Overview

Each Harch Corp subsidiary is designed to serve a critical function within the vertical integration model, while also operating as a standalone business unit capable of generating independent revenue. The subsidiaries are organized along the value chain, from foundational energy and material production through technology services to financial integration. This structure ensures that every component of our infrastructure is optimized for its specific function while contributing to the overall system efficiency.

Harch Intelligence - AI Compute Infrastructure

The flagship subsidiary operates Africa's largest AI hyperscale data center network, with 1,798 GPUs distributed across five purpose-built hubs. Harch Intelligence delivers sovereign AI compute at industry-leading efficiency, with a PUE below 1.15, 8ms latency to Europe, and carbon-aware scheduling that achieves 89% below-industry carbon intensity. Investment: \$1.14B. The platform supports H100 and H200 GPU clusters, liquid and air hybrid cooling, and Tier IV+ sovereign-grade security.

Harch Energy - Renewable Energy Grid

Harch Energy operates a 2GW+ renewable energy pipeline including 1.2GW solar PV, 800MW wind, 200MW green hydrogen electrolyzer, and 400MWh battery storage. With LCOE of \$14/MWh for solar and \$18/MWh for wind, Harch Energy provides power at \$0.03/kWh from dedicated installations, offsetting 3.2M tCO₂ per year. Investment: \$600M.

Harch Technology - Sovereign Digital Infrastructure

Harch Technology provides the sovereign digital infrastructure layer, including the Sovereign AI Platform, Cybersecurity Suite, Satellite Communications, Edge Computing, Sovereign Cloud, and Industrial Data Analytics. With 50+ edge nodes, 3 African cloud regions, and ISO 27001 + SOC 2 certifications, Harch Technology ensures that African data remains on African infrastructure. Investment: \$400M.

Additional Subsidiaries

- **Harch Cement** - 500kT/yr cement production in Gambia, supporting local construction and infrastructure development
- **Harch Mining** - 3 deposits of strategic minerals including phosphates, cobalt, and rare earth elements, securing raw material supply chains
- **HarchAgri** - 50,000 hectares of smart farming with drone monitoring, IoT sensors, vertical farming, and carbon credit verification
- **Harch Water** - 200M m3/year desalination capacity, ensuring water sovereignty for industrial and agricultural operations
- **Harch Finance** - Cross-vertical financial integration through green bonds, Islamic finance, carbon credits, and project finance

Competitive Positioning

Harch Corp occupies a unique position in the global infrastructure landscape. While hyperscale cloud providers such as AWS, Google Cloud, and Azure operate massive data center fleets, they do so at PUEs of 1.09-1.17 and rely heavily on renewable energy credits rather than dedicated renewable installations. Regional competitors like OVHcloud and Scaleway achieve PUEs of 1.29-1.37, significantly higher than Harch Intelligence's sub-1.15 target. More importantly, no competitor offers the vertical integration from energy generation through AI compute delivery that Harch Corp provides. This integration is not merely a branding exercise; it translates directly into lower costs, lower carbon emissions, and greater reliability than any competitor can match with a disaggregated supply chain model.

Provider	PUE	Renewable	Carbon Intensity	Vertical Integration
Harch Intelligence	<1.15	81.5% dedicated	~47 gCO2/kWh	Full (Energy + Infra + Tech)
Google Cloud	1.09	96% credits	~440 gCO2/kWh avg	None (energy purchased)
AWS	1.15	~90% credits	~440 gCO2/kWh avg	None (energy purchased)
Equinix	1.39	96% credits	~350 gCO2/kWh avg	None (colocation)
OVHcloud	1.29	~80% mix	~200 gCO2/kWh avg	Partial (own servers)
Scaleway	1.37	~70% mix	~250 gCO2/kWh avg	None

Table 3: Competitive comparison of data center efficiency metrics

Get in Touch

Harch Corp is actively seeking strategic partners, enterprise customers, and investors who share our vision for sovereign African infrastructure. Whether you are an enterprise seeking AI compute capacity, a government building digital sovereignty, or an investor looking for transformative returns, we invite

you to join us in converting Africa's potential into power.

- **Website:** harchcorp.com
- **Email:** contact@harchcorp.com
- **Headquarters:** Casablanca, Morocco
- **LinkedIn:** [linkedin.com/company/harchcorp](https://www.linkedin.com/company/harchcorp)