

PROJECT HIMALAYA SHIELD

Global Secure Mountain AI
& Data Infrastructure Hub

Strategic Masterplan 2027-2037

POSITIONING INDIA AS THE GLOBAL EPICENTER OF SECURE DIGITAL INFRASTRUCTURE

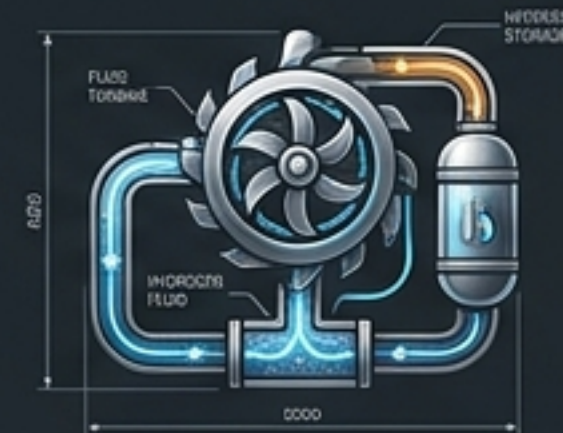


GLOBAL CONVERGENCE: HIMALAYAN NODE



RESILIENT ENGINEERING

Mountain-integrated architecture designed to withstand seismic, climate, and geopolitical shocks.



ADVANCED ENERGY SYSTEMS

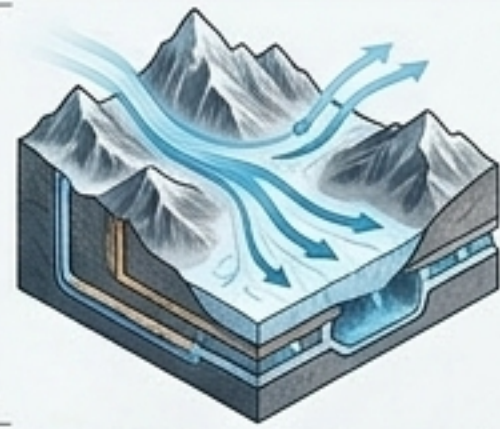
Complete grid independence powered by closed-loop renewables and on-site hydrogen.



GLOBAL AI CAPABILITIES

Purpose-built infrastructure to host the highest-density AI and future computing clusters.

THE DRASS-ZOJILA STRATEGIC AND GEOLOGICAL ADVANTAGE



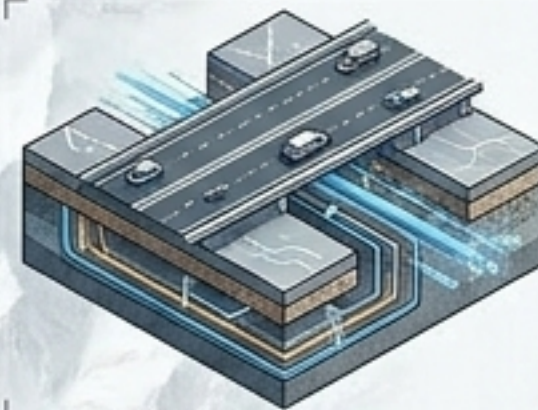
NATURAL COOLING CHANNELS

Sub-zero ambient temperatures offering unparalleled thermal management for high-density computing.



MOUNTAIN GEOLOGY

Deep, tectonically stable rock formations providing natural hardening and physical shielding.

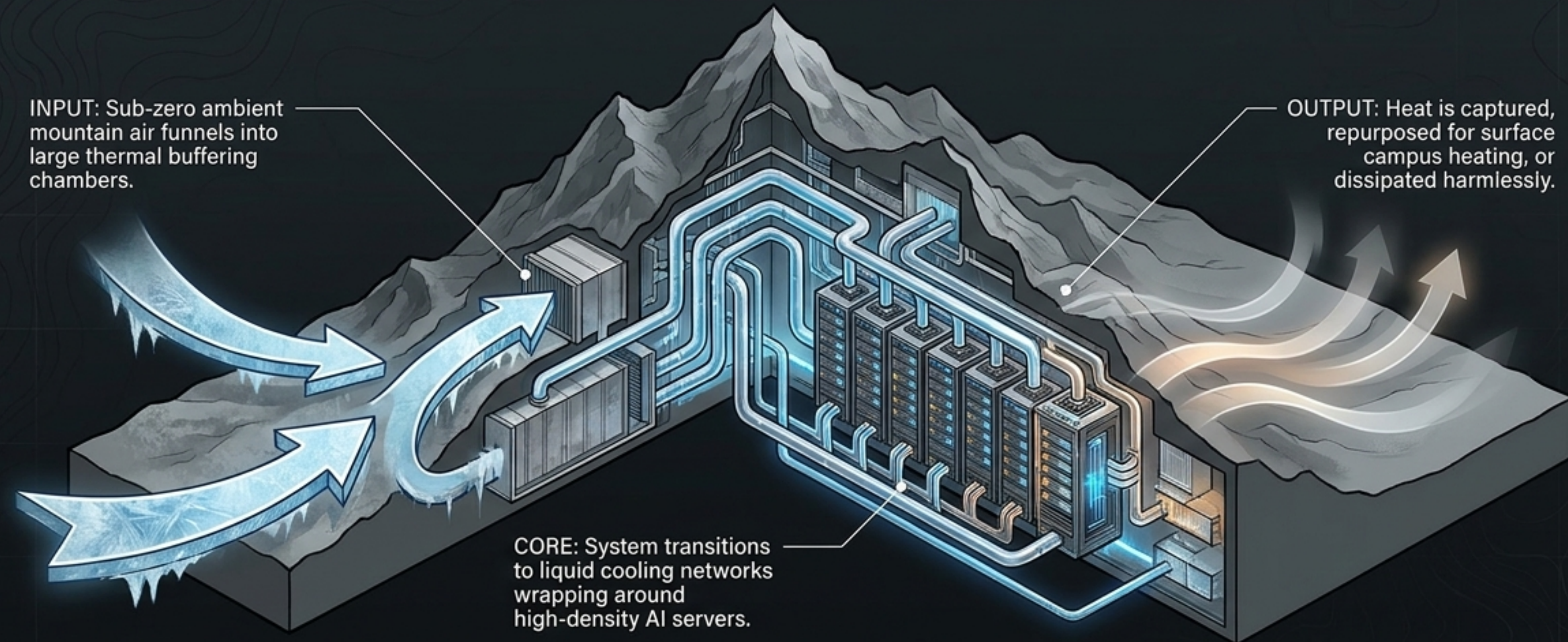


FUTURE CONNECTIVITY

Strategic alignment with upcoming logistics and connectivity corridors for streamlined expansion.

HARNESSING EXTREME ALTITUDES FOR ULTIMATE THERMAL EFFICIENCY

INPUT: Sub-zero ambient mountain air funnels into large thermal buffering chambers.



OUTPUT: Heat is captured, repurposed for surface campus heating, or dissipated harmlessly.

CORE: System transitions to liquid cooling networks wrapping around high-density AI servers.

Key Insight: Drastic reductions in mechanical cooling loads leverage mountain-assisted thermal buffering and advanced liquid cooling for peak Power Usage Effectiveness (PUE).

THE SURFACE CAMPUS: LOW-IMPACT OPERATIONAL FACE



THE SUBTERRANEAN SHIELD: DEEP-ROCK INFRASTRUCTURE



LEVEL 1-2: NEAR-SURFACE
Command functions, primary cooling intake, and operational personnel zones.

LEVEL 3-4: MID-DEPTH
Cavernous data halls built to house high-density AI infrastructure and secure archives.

LEVEL 5: DEEP CORE
Hardened energy infrastructure, thermal systems, and deep-rock storage.

PHASED DEPLOYMENT FOR NEXT-GENERATION COMPUTING



A CLOSED-LOOP ZERO-CARBON ENERGY ECOSYSTEM



CONCENTRIC DEFENSE LAYERS FOR ABSOLUTE SECURITY

PHYSICAL SECURITY

Leveraging thousands of feet of solid mountain rock and harsh external environment as the ultimate perimeter barrier.

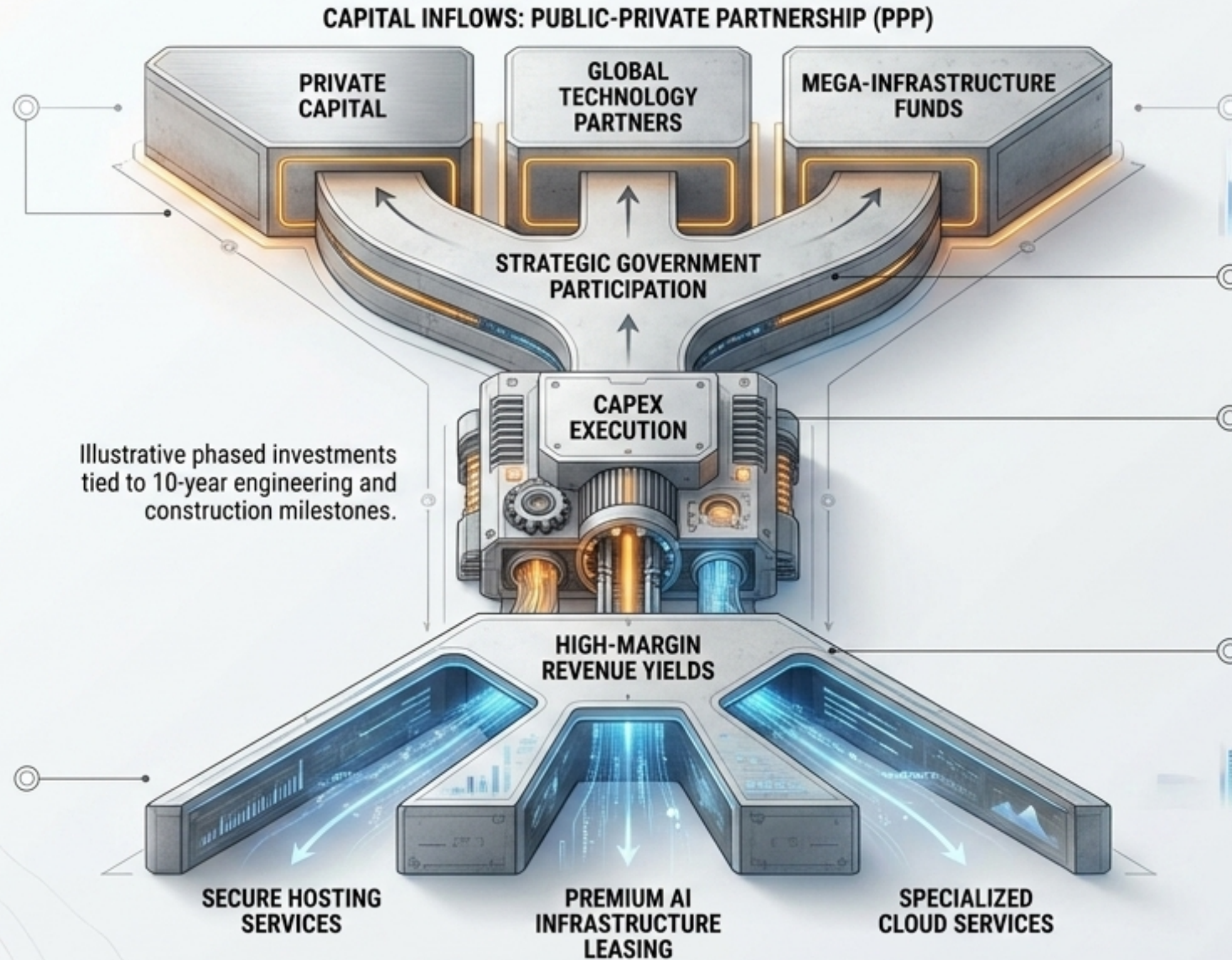
OPERATIONAL RESILIENCE

Advanced access control, biometric gating, and continuous centralized monitoring.

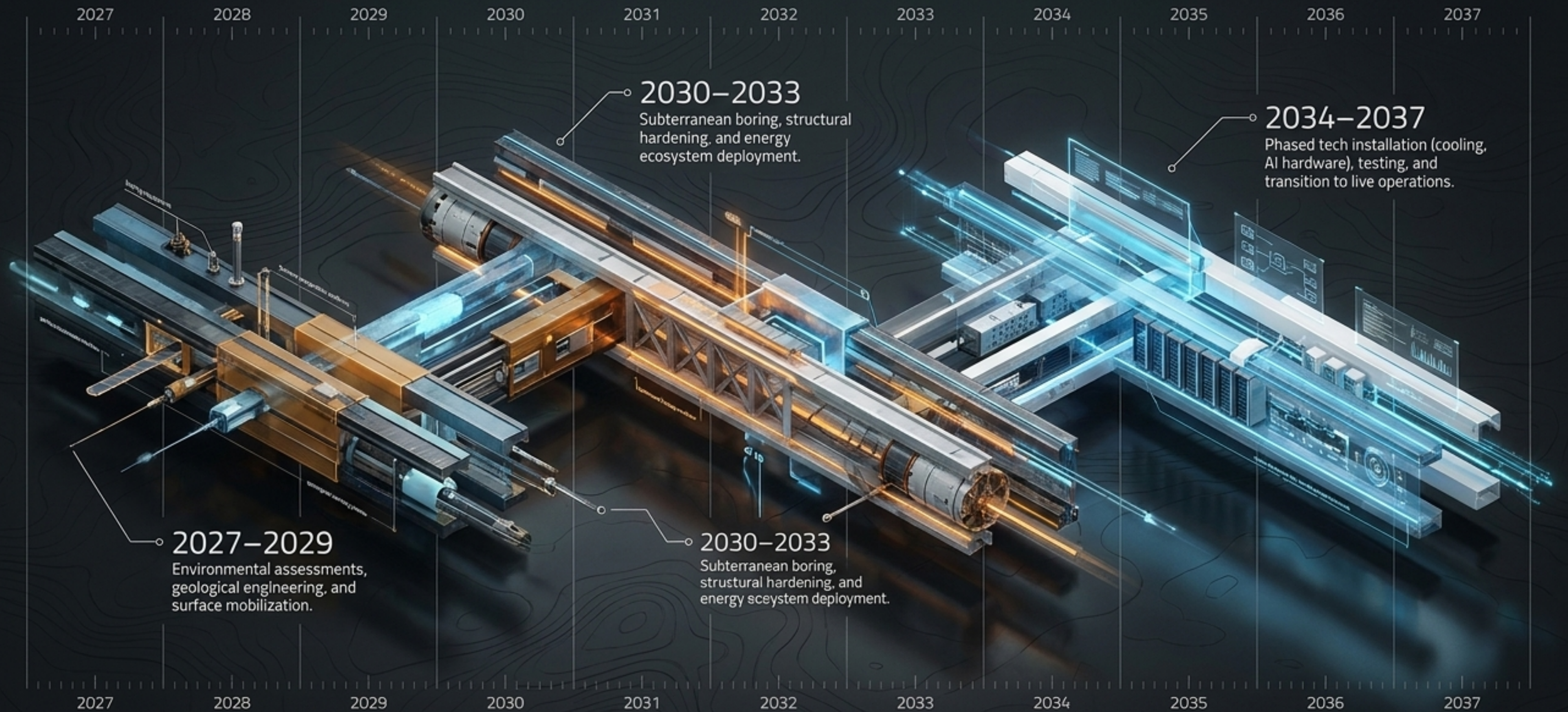
CYBERSECURITY & BUSINESS CONTINUITY

Military-grade cyber-defense, redundant automated backups, and zero-downtime disaster recovery protocols.

PUBLIC-PRIVATE PARTNERSHIP AND ECONOMIC PHASING












ACCELERATED IMPLEMENTATION ROADMAP: 2027–2037



ANTICIPATING AND ENGINEERED MITIGATIONS FOR MEGA-PROJECT RISKS

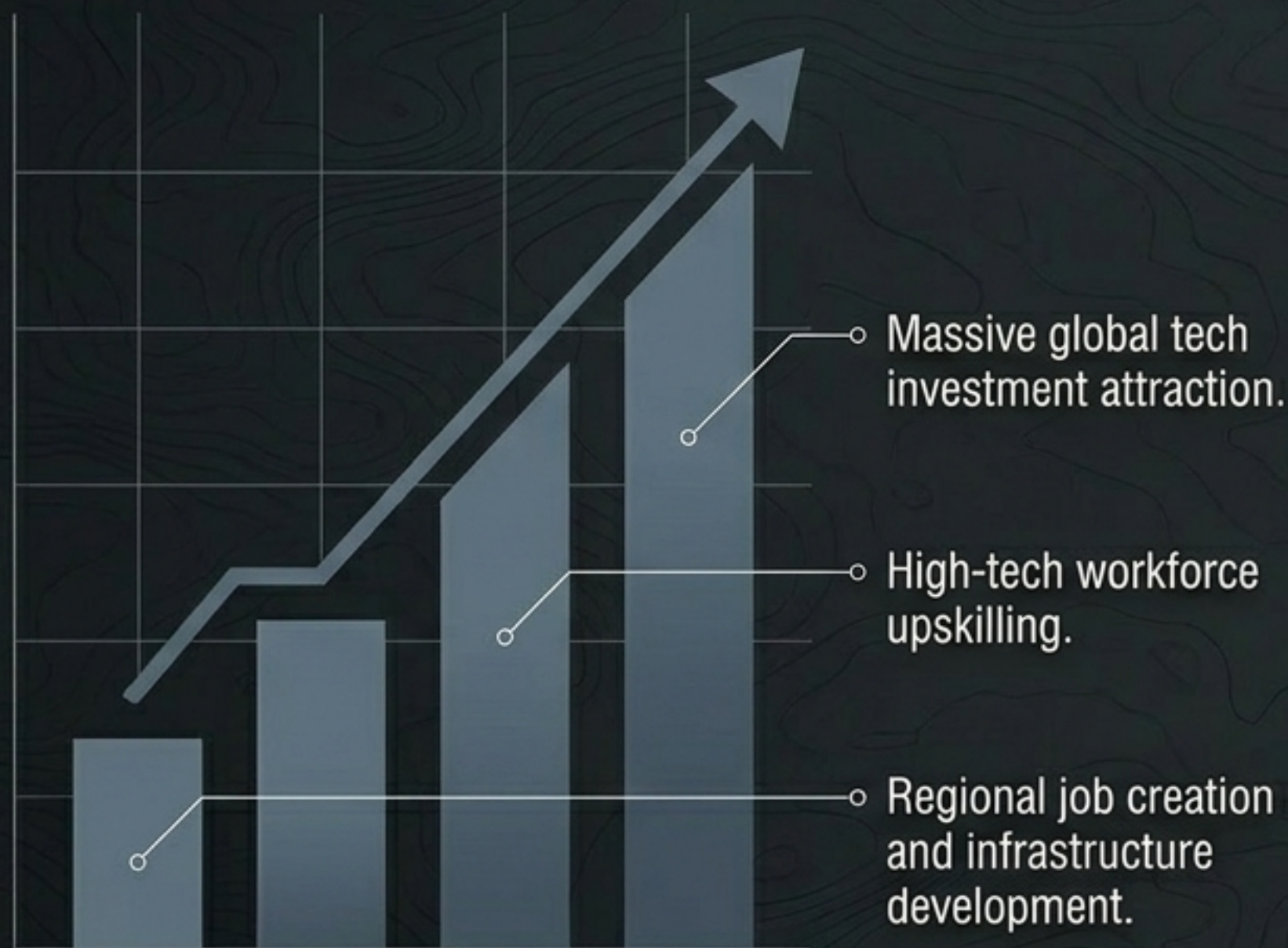
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RISK VECTOR	SEVERITY	ENGINEERED MITIGATION
Geological & Environmental	 HIGH SEVERITY 	Deep-rock tectonic anchoring and closed-loop thermal containment. 
Financing & Market Volatility	 MEDIUM SEVERITY 	Tranche-based PPP funding paired with pre-leased AI capacity contracts. 
Technology Evolution Risk	 HIGH SEVERITY 	Highly modular, liquid-cooled server vats engineered for rapid infrastructure swap-outs without structural rework. 

SECRET NO 51 100

DRIVING DECADAL ECONOMIC IMPACT AND ESG STEWARDSHIP

ECONOMIC ENGINE



ESG STEWARDSHIP



100% renewable energy commitments.



Hyper-efficient cooling resource management



Zero-carbon operational goals.



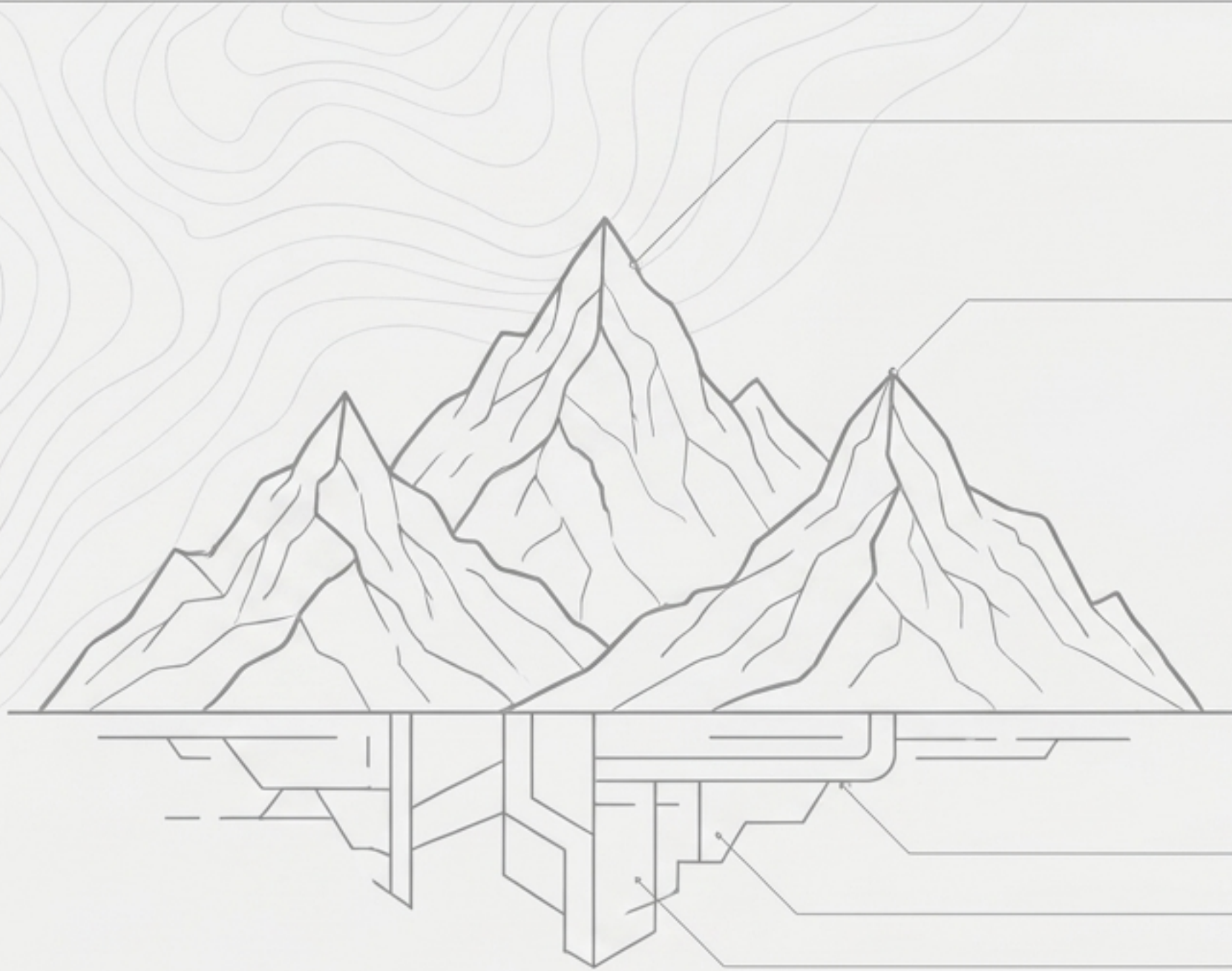
Long-term regional sustainability.



THE ULTIMATE GLOBAL DESTINATION FOR FUTURE COMPUTING

A multi-decade vision requiring immediate, strategic partnership.
The engineering is validated. The location is secured.
The future of global digital infrastructure is subterranean.

VISIONARY LEADERSHIP ORCHESTRATING THE HIMALAYAN SHIELD






JAHANGIR NIYAZ

CORE EXPERTISE:

Scaling resilient technology infrastructure in extreme mountain environments.

CURRENT & PAST ROLES:

-  - Founder, D'Kangri Infotech
-  - Owner, IT Himalaya
-  - Former CEO, Ladakh Oxygen Plant (Driving operational efficiency and sustainable practices)

EDUCATION & RECOGNITION:

-  - B.Tech in Information Technology
-  - 2018 Innovative Business Award (India Business Award)



Leh, 194101, Ladakh, India



niyazjahangir0@gmail.com



+91 6006779113 | +91 9596959127