TACTICAL DOSSIER // INFRASTRUCTURE & AI CAPABILITY

The New Crossing

How Argentina must convert unyielding geography and raw energy into global AI compute power.



DATE OF ASSESSMENT: 2026 // TARGET OUTCOME: EXPORTABLE COMPUTE

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Epic Victories are Won Through Boring Logistics



28 MONTHS PREPARATION

10,600 MULES SECURED

CHURCH BELLS SMELTED INTO CANNONS

General San Martín didn't win the 1817 crossing with bravery alone; he won with a 28-month inventory masterclass to execute a 24-day campaign.



15 PROJECTS ANNOUNCED

0 IN CONSTRUCTION

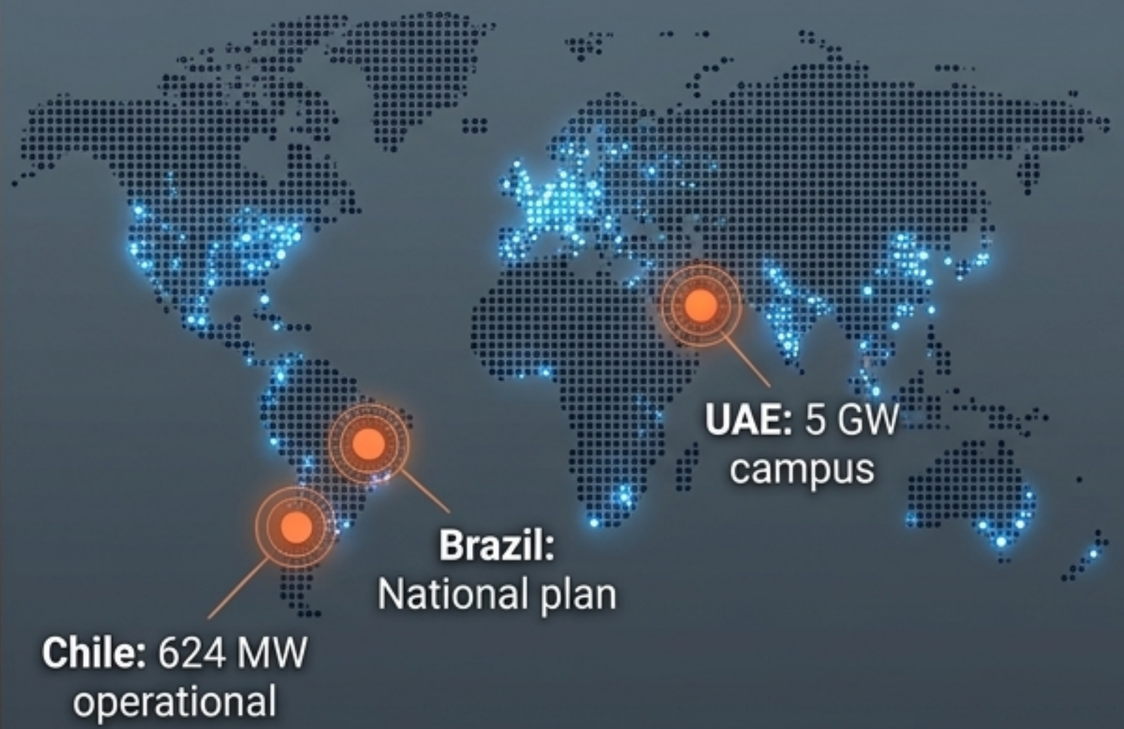
1 WINDOW OF OPPORTUNITY

AI is heavy industry. We do not lack the resources; we lack the logistical order to deploy them.

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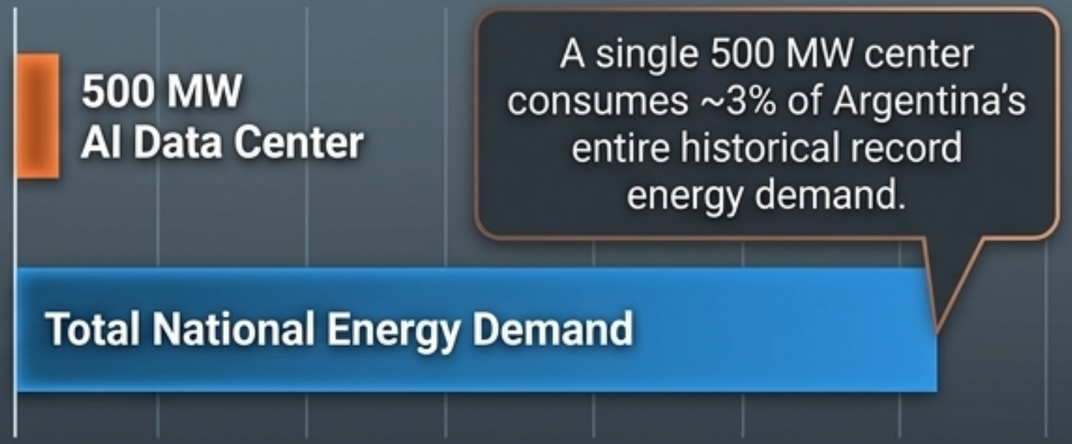
The Global Compute Map is Being Drawn Today

The Global Rush



What is built in another country in 2027 will not move in 2032.

The Scale of AI



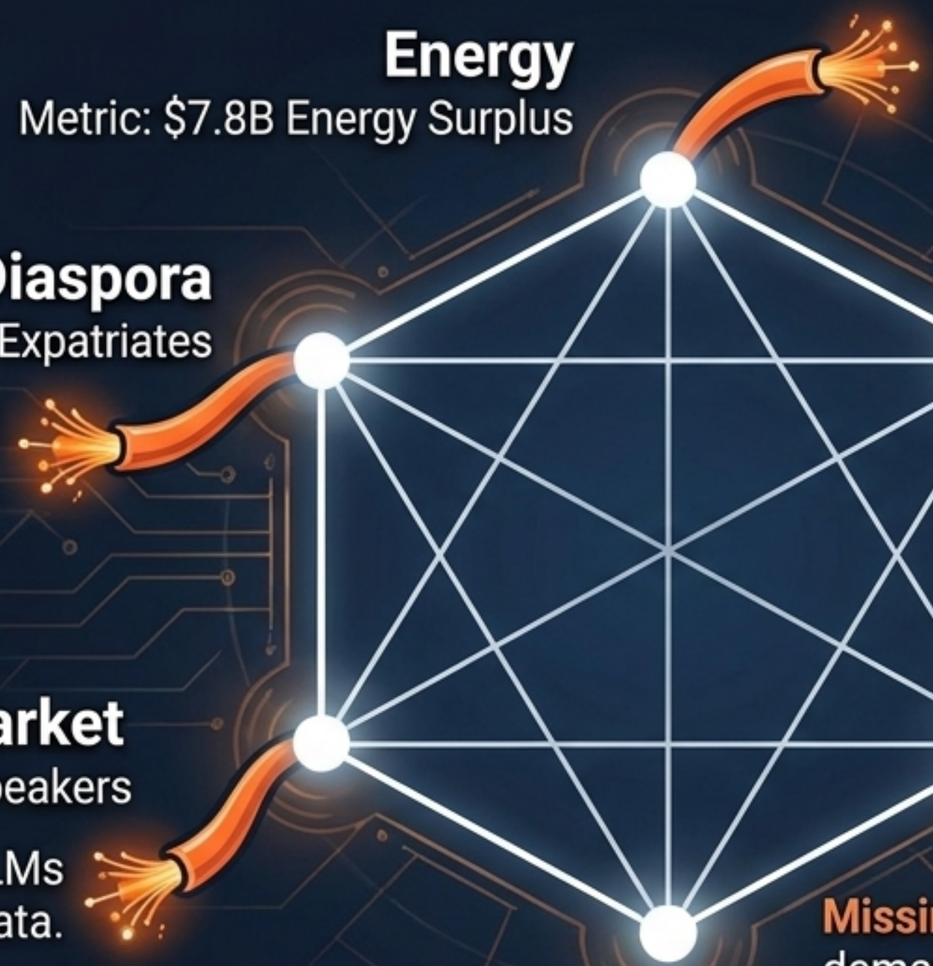
Alert

The Cost of Arriving Late

Those who do not build **sovereign compute** will rent it in dollars, under foreign rules, exporting raw talent instead of finished intelligence.

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The Resource Hexagon: Abundant Pieces, Zero Connectivity



Energy
Metric: $7.8B Energy Surplus

Missing: High-tension transmission lines.

The Diaspora
Metric: 1M+ Expatriates

Missing: A formalized network to open doors.

Talent
Metric: $10.085B Knowledge Exports

Missing: Domestic hyperscale projects.

Language Market
Metric: 635M Spanish Speakers

Missing: Sovereign LLMs trained on local data.

Heavy Science
Metric: 3 Nobel Prizes & INVAP

Missing: High-performance compute access.

Missing: Unified local demand for applied AI.

Demand Ecosystem
Metric: Top Global Agro/Energy Sectors

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The Geographic Disconnect: Energy Cannot Travel



DEFICIT:
Operates at a massive deficit.

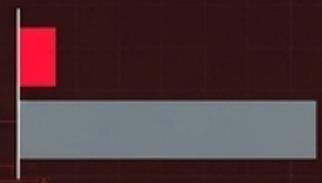
Context: Forced to import LNG ships at $26/MMBTU in winter.

SURPLUS:
Generates 3.8x its consumption.

Context: Vaca Muerta gas and world-class wind.

THE BOTTLENECK

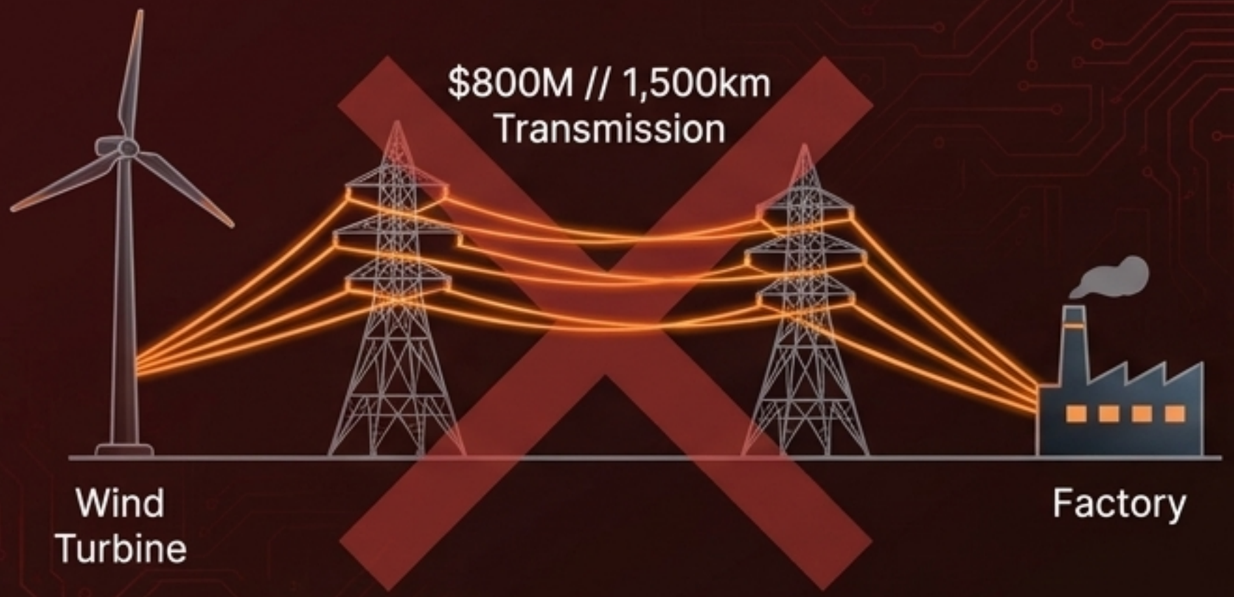
In March 2026, 4.1% of renewable energy was deliberately curtailed (wasted) because the transport cables were full.



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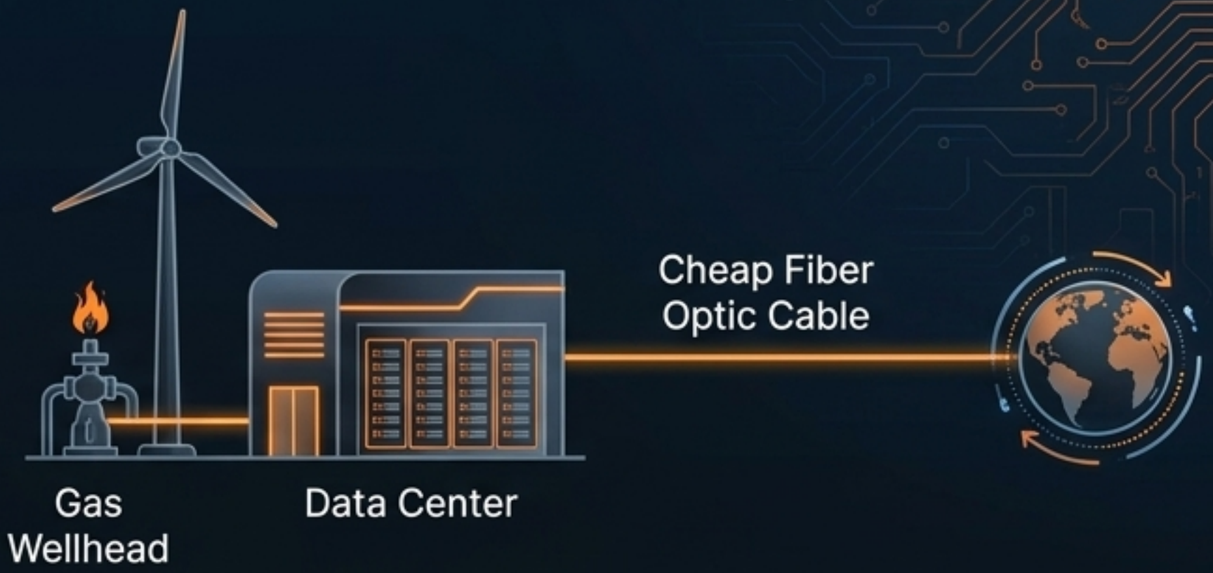
The Stranded Power Resolution: Move the Consumption

The Failed Model



Multi-year delays and grid congestion. Energy is wasted.
(Ref: March 2026 - 4.1% renewable energy curtailed due to full transport cables).

The AI Model



Energy is consumed locally. The final product (Compute) is exported globally instantly.

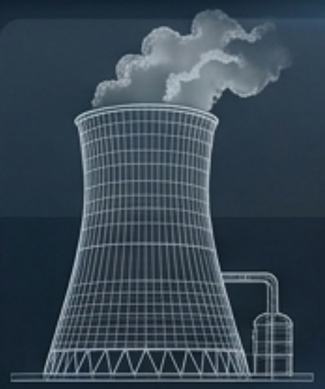
Fiber optic cable is instantly deployable and cheap.
500kV high-tension towers take half a decade and billions of dollars.

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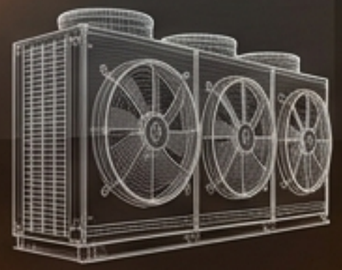
The Cooling Dial: Leveraging Geographic Climate

Traditional Standard

The Patagonian Advantage







High Water Use / Low Power Draw

Zero Water Use / Higher Power Draw

TECHNICAL ANNOTATION: Dry cooling requires 10-20% more power but saves billions of liters of water. In the cold Patagonian climate, where stranded energy is practically free at the wellhead, paying a minor energy penalty to preserve zero water is mathematically optimal.

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The 12-Stage Attrition Pipeline



THE GRAVEYARD

- The Bullet Train
- Atucha III
- 2022 LNG Memorandums

SUCCESSES

- Perito Moreno Gas Pipeline
- Atlantic Line

Anything before Stage 7 (FID) is a press release, not an investment.

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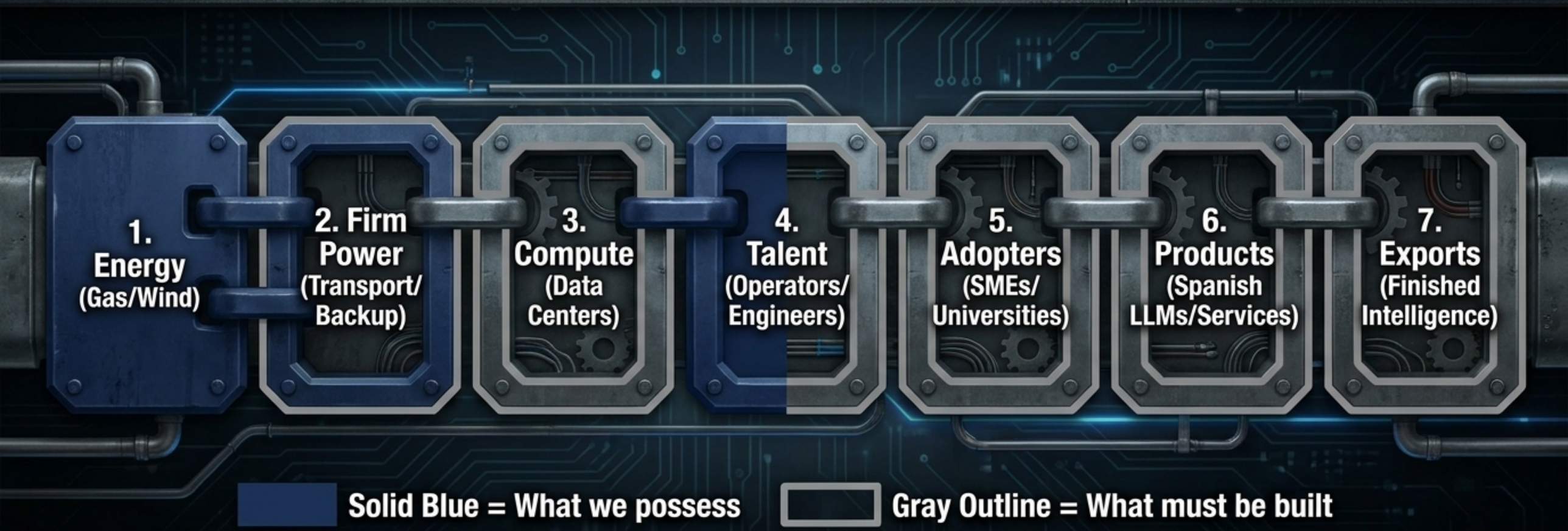
Value Capture: The ‘Branch’ vs. The ‘Owner’

INDUSTRY	WHAT ARGENTINA PROVIDES	WHAT INVESTOR TAKES	VALUE LEFT BEHIND / OUTCOME
Electronics Assembly	Tax subsidies & market	Profits from imported parts	Zero IP, pure assembly
Extraction	The raw mine resource	Exported lithium powder	Zero battery IP or local manufacturing
Agro-Processing	Raw soy beans	Processed goods	Domestic processing makes ARG the #1 global exporter of Soy Oil
The Future	Stranded Energy & Geography	???	???

TAKEAWAY: Merely hosting a hyperscale data center is the Lithium model (exporting compute, leaving an empty warehouse). We must force the Soy model (processing the compute locally).

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The 7-Link AI Value Chain



A megawatt does not magically become an export.
If a single link fails, the chain breaks.

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Three Models of Sovereign Compute Development

Model A: The Branch

e.g., Malaysia / Ireland

Mechanism: State gives land/energy, foreign hyperscaler takes 100% compute.

RISK: High risk of resource drain, grid collapse, zero IP retention.

Model B: State Compute

e.g., Supercomputer Cheyenne

Mechanism: State buys and operates the machine directly.

RISK: Massive upfront cost, instant obsolescence (e.g., Cheyenne sold for $480k at auction).

Model C: Hybrid Private Build + State Rules

e.g., India / Brazil

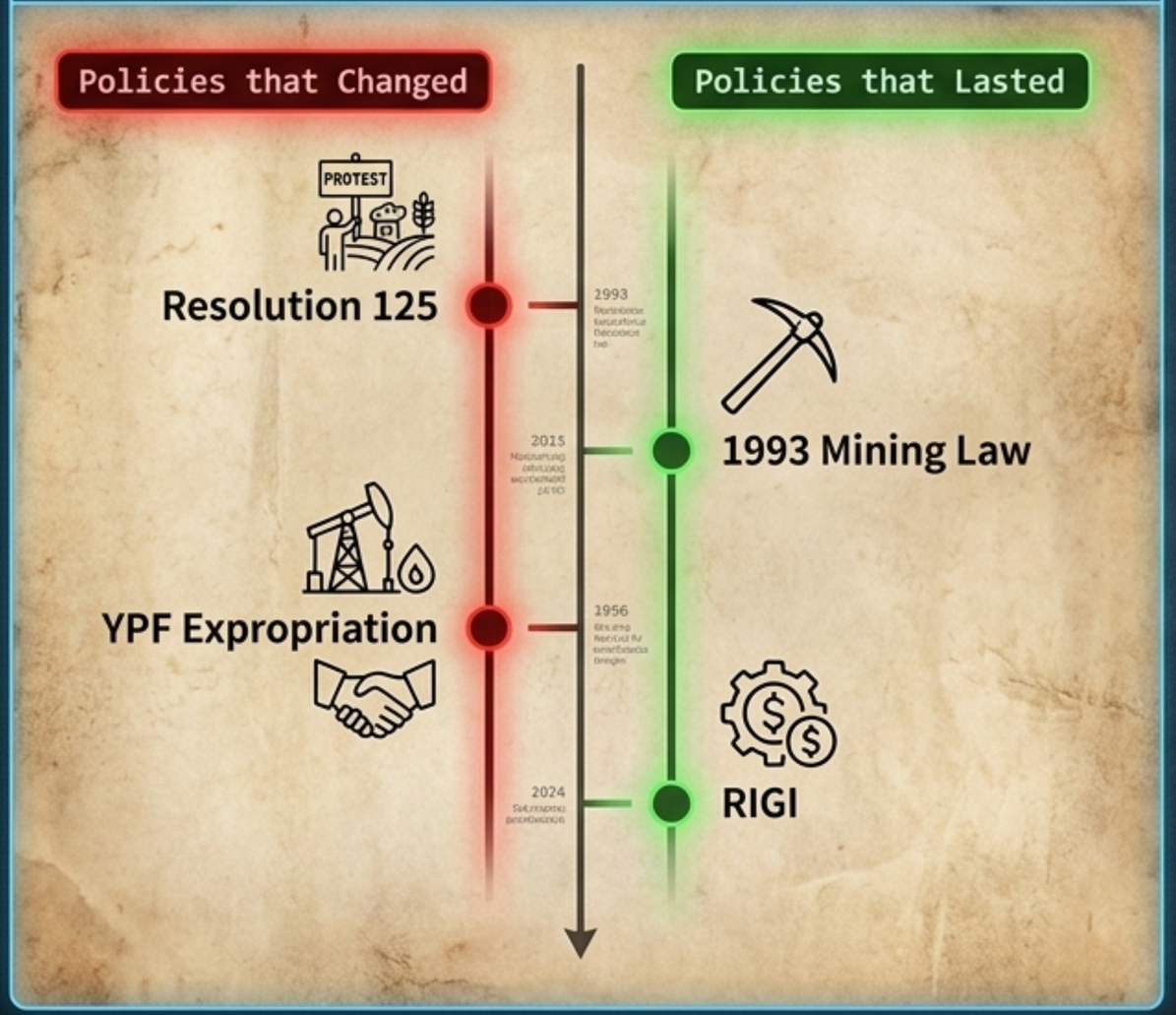
Mechanism: Private capital builds and takes risk; State guarantees stable rules in exchange for a mandatory local compute reserve.

VERDICT: THE RECOMMENDED HYBRID MODEL. The only viable path for Argentina.

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The Risk Premium: The Mathematical Cost of Changing Rules

The Ledger of Instability



The Cost Calculation

METRIC: On a standard $5 Billion data center debt profile...

CALCULATION: Every 1% of sovereign risk premium = $50,000,000 in extra interest per year.

Investors do not buy tax subsidies; they buy predictability.

A stable rule is worth hundreds of millions; a broken promise destroys project economics instantly.

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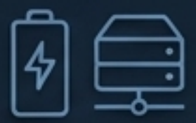
The 7 Decisions: A Logistical Blueprint



1

National Energy & Compute Map

Transparency. Publicly available data on energy and grid pricing before projects are discussed.



2

The First Crossing

50MW Pilot. Small, repeatable pilot with public contest for soil/energy, private pays construction costs.



3

The New Crossing Contract

RIGI + 5 Roots Clauses. Standard contract for Nation and Provinces, supported by RIGI with 5 stability clauses.



4

Argentine Compute Hours

2-5% Reserve. Capacity reserve in processor hours for public contest, audited quarterly.



5

Human Capital Arsenal

Math & Tech Schools. 20 technical schools with data, intermediate degrees, and exit registry.



6

Six Strategic Missions

Demand Generation. Agro, energy, finance, health, state, classroom. Each with an owner, budget, and date.



7

The Crossing Table

Governance & Accountability. One named leader, 25 people, quarterly public dashboard, even in red.

None of these require new laws; they require executive order and logistical discipline.

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Map the Terrain, Then Launch the Vanguard

DECISION 1: PUBLIC NATIONAL ENERGY MAP



Concept: A public dashboard updated quarterly showing firm power, transport capacity, fiber routes, and water availability.

End the blind provincial bidding war.

DECISION 2: THE 50MW PILOT



Concept: A 50MW pilot in the South. Intentionally small, replicable 5-10 times.

Rules of Engagement:
- Private developer must bring their own firm power (e.g., flared gas at wellhead).
- Developer pays for their own grid connection.
- The local ratepayer subsidizes nothing.

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Decision 3: The New Crossing Contract



Local Compute Access

Mandatory set-aside for domestic ecosystem.

Local Engineering

Hard targets for training/hiring operators and cooling engineers.

Open Fiber

Excess connectivity built by the project must be accessible to third parties.

Resource Transparency

Quarterly publication of water and energy usage.

Conditional Benefits

Failure to meet metrics results in automatic loss of tax incentives, without requiring a congressional vote.

These clauses are legally tied to the 30-year RIGI stability framework to prevent Argentina from becoming a mere 'branch' operation.

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Decision 4: Sovereign Compute Hours



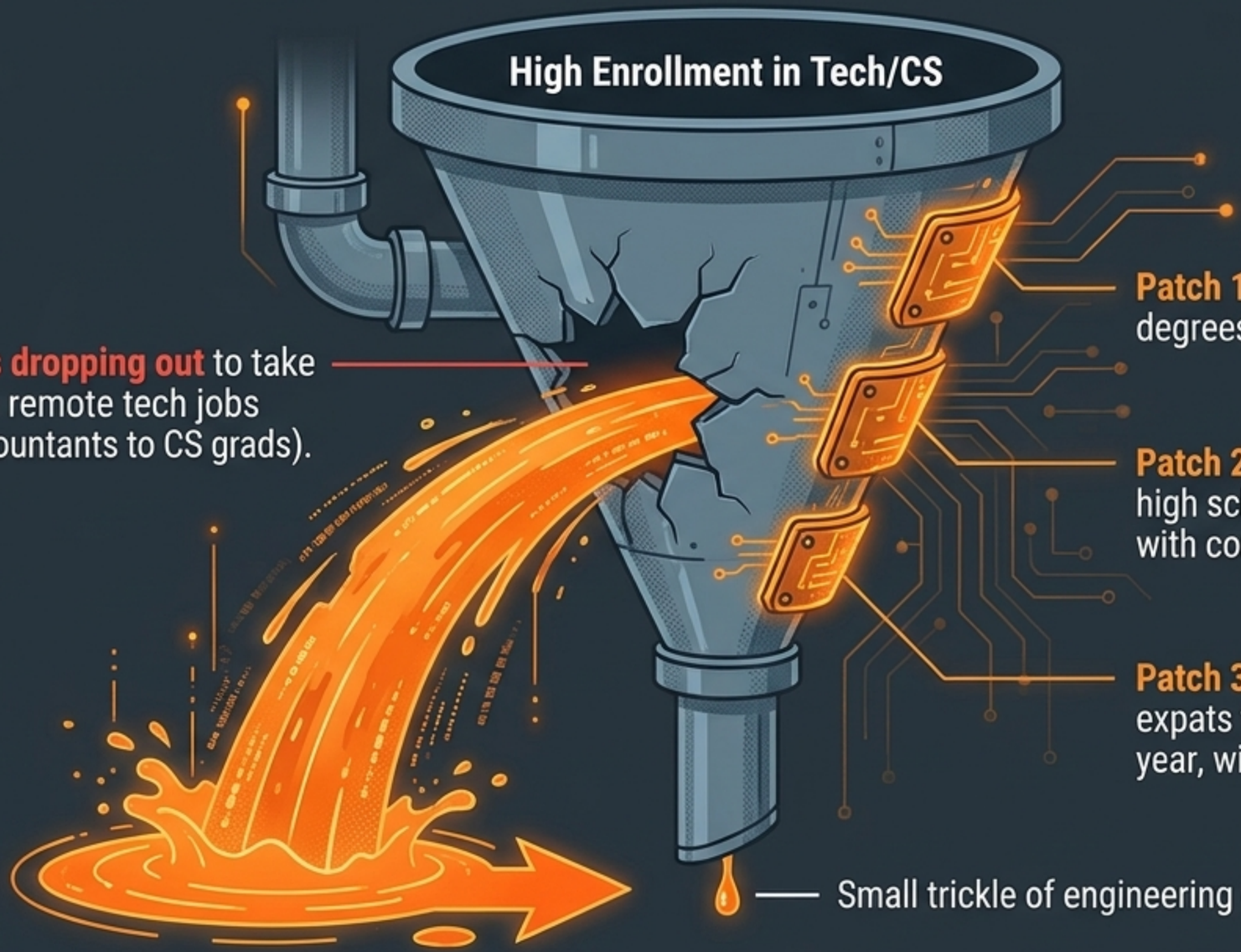
SCALE CONTEXT: A mere **2%** of a single 500MW center equals **12% to 27%** of Argentina's entire current national compute capacity.

The Mechanism

- Measured in **Processor Hours**, not vague promises.
- Divided into a fixed base layer and a flexible demand layer.
- Allocated via audited public contest to **universities, researchers**, and **SMEs**.

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Decision 5: The Human Capital Arsenal



3rd-year students dropping out to take entry-level foreign remote tech jobs (4 to 1 ratio of accountants to CS grads).

Patch 1: 2-year intermediate university degrees (securing credentials early).

Patch 2: Pivot 300 existing technical high schools to AI/Data orientations with corporate apprenticeships.

Patch 3: A 'Return Network' requiring expats to open one strategic door per year, without demanding physical return.

Small trickle of engineering graduates.

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Decision 6: The Six Strategic Missions



Agro: Predictive yield, climate, and plague modeling.



Energy: Grid dispatch optimization and turbine failure prediction.



Finance: Scaling local fintech to regional dominance.



Health: Automated triage and diagnostics to save system hours.



State: Bureaucratic automation and digitization.



Language: Training localized LLMs (Rioplatense, Andean) before foreign models dictate regional syntax.

Generating domestic demand ensures compute is used to upgrade the national economy, not just exported.

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Decision 7: The Crossing Table

The War Room Setup

- 25-person permanent technical table (Universities, Tech Chambers, Energy Cos, Provinces).
- No new ministries. Budget: ~$5M/year (fully transparent).

The Mandate

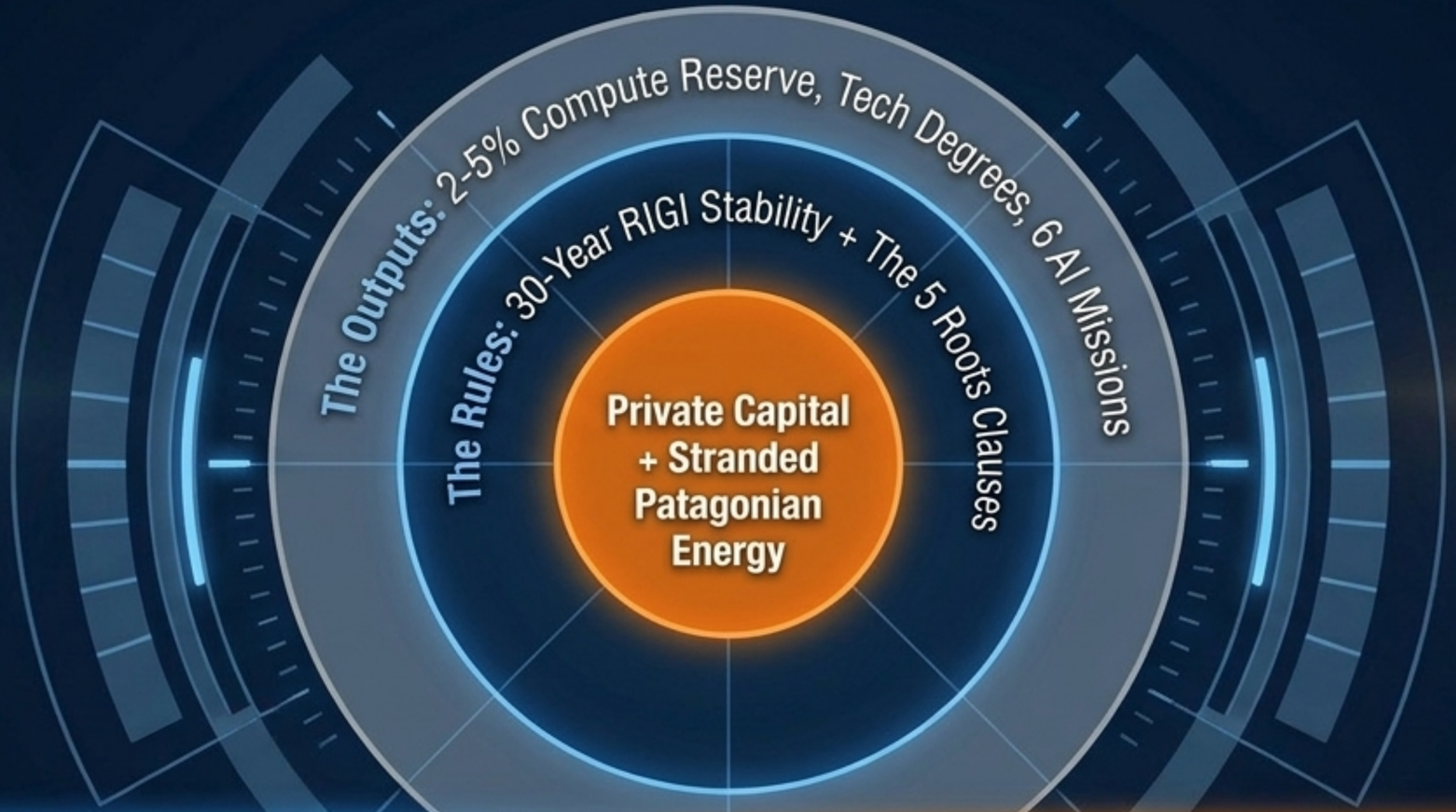
Maintain the Energy Map, enforce the 5 Contract Clauses, and audit the Compute Reserve.



The Iron Rule: A quarterly project status dashboard must be published publicly—even if the metrics are in the red. What is not published cannot be corrected.

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The Minimum Viable Ecosystem



SYNTHESIS: We do not need 200 disorganized actors. We need 10 aligned partners—a generator, a transport operator, a data center builder, three universities, and a strict state auditor. If these are bound by an unbreakable contract, the ecosystem builds itself.

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The Preparation Dictates the Outcome

The window for sovereign AI does not open
when we are ready; it opens when it opens.

We have the stranded energy. We have the technical talent.
We have the 30-year legal frameworks.

The difference between a miracle and a victory
is counting the inventory before you march.



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