

NODE 6: THE AUTONOMOUS TRANSPORTATION DIVISION

Sovereign Mobility & Rural Healthcare
Logistics in the Heart of Route 66



[LOCATION: LA PAZ COUNTY, ARIZONA]
[MISSION: FROM GOVERNANCE TO 'THE MUSCLE']
[CHAMPION: BRION CRUM]
[STATUS: OPERATIONAL PILOT]

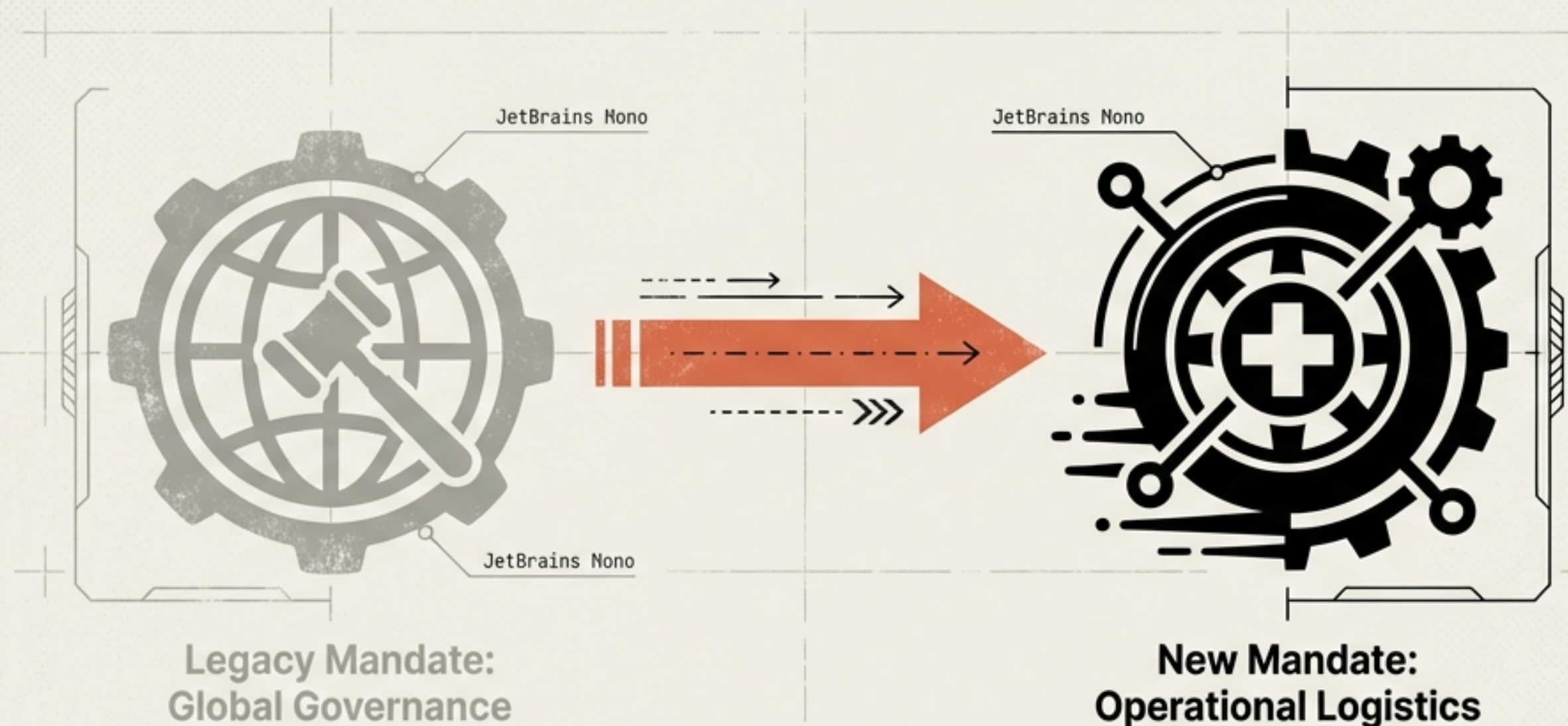
STRATEGIC REALIGNMENT

Executive Summary

Node 6 has pivoted.

Formerly a governance hub, it is now the "Circulatory System" of the Octagon network.

We are moving from the lab to the road to validate Sovereign Mobility.



NODE 3 (PHOENIX/TEMPE)

The Simulator.

Focus on Engineering & R&D.
The "Brain" of the network.

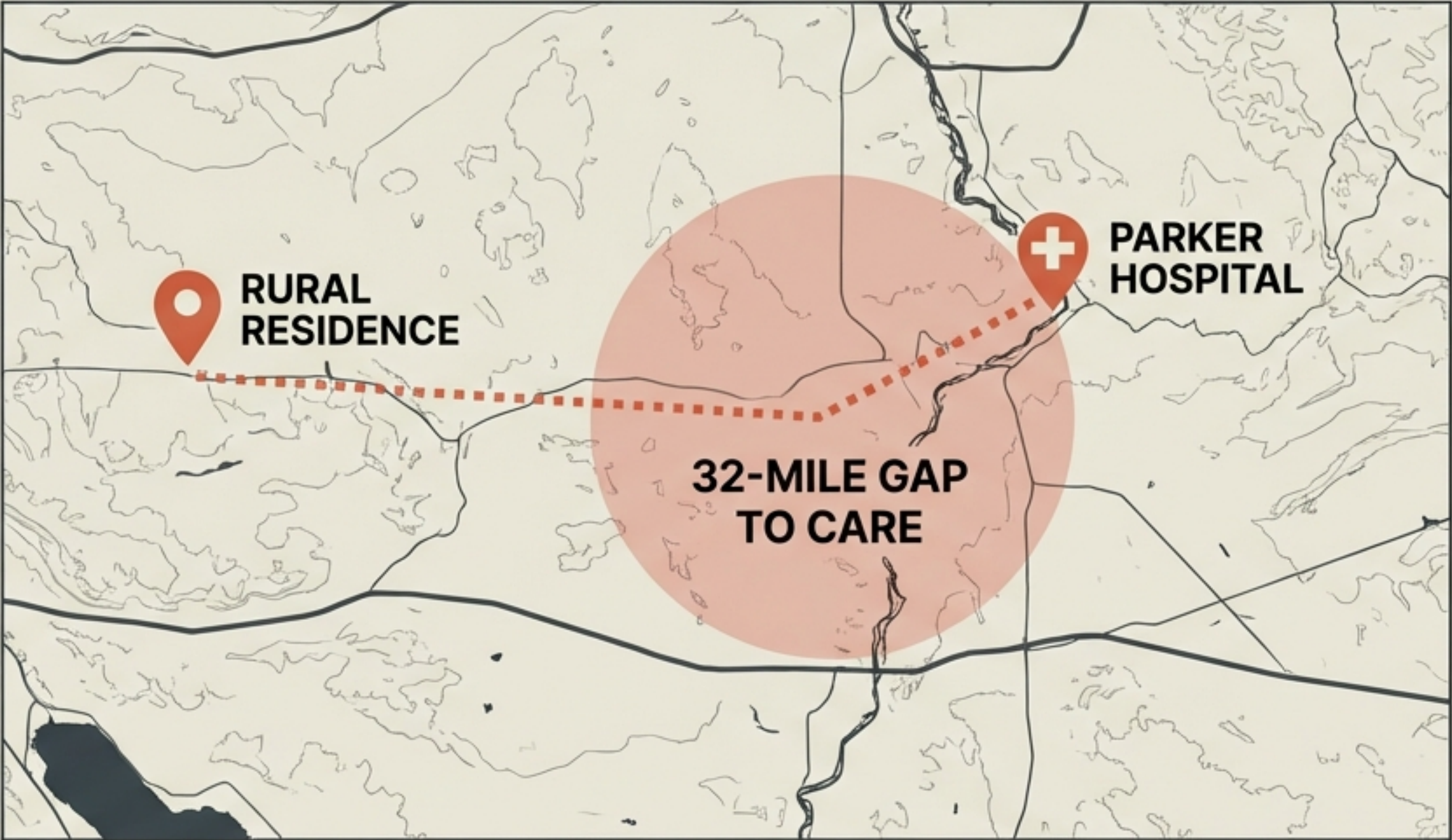
NODE 6 (LA PAZ COUNTY)

The Real World.

Focus on Operations & Service Delivery.
The "Muscle" of the network.

THE MARKET FAILURE: A CRISIS OF CONNECTIVITY

Turning a transportation desert into a connected corridor.



DEMOGRAPHICS

Median Age:	71.2 Years (Vs. National Avg)
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Vulnerable Population: High

THE GAP

Current Transit: "Camel Express"
(1 Day/Week)

Reliability: Critical Failure

THE DEADHEAD COST

Traditional NEMT: Unprofitable
due to empty return miles.

Result: Provider shortages.

THE GOAL

Target: Reduce medical
no-shows by 40%.

THE SOLUTION: LEAVE THE DRIVING TO US

Unit Economics of the Autonomous Shift

TRADITIONAL MODEL



- Human Driver (Labor Cost)
- Gas Vehicle (Fuel Volatility)
- Business Hours Only

**50%
MARGIN**

SOVEREIGN MODEL



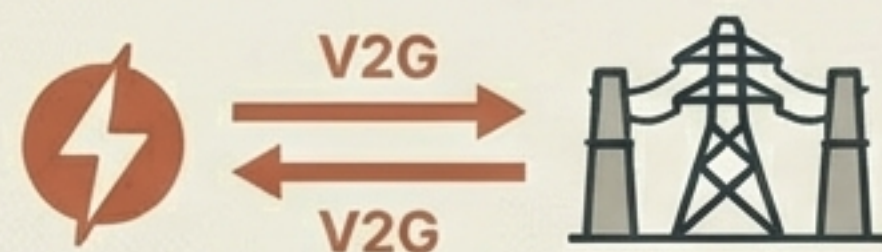
- Driverless (Zero Labor Cost)
- Solar/Electric (Energy Arbitrage)
- 24/7 On-Demand Availability

**~81%
MARGIN**

Economics: A standard 64-mile round trip to Parker yields ~\$110 in revenue.
Removing the driver transforms the business model.

THE TECH STACK: RIOS

Rural Infrastructure
Operating System



THE BRAIN

NVIDIA Drive Platform.

Leveraging AZDOT-approved frameworks for unmapped roads.

THE NERVOUS SYSTEM

Sovereign Connectivity

Signal Fusion bonding Starlink
High-Performance + CAT4 vSIMs.
100% Uptime in canyons.

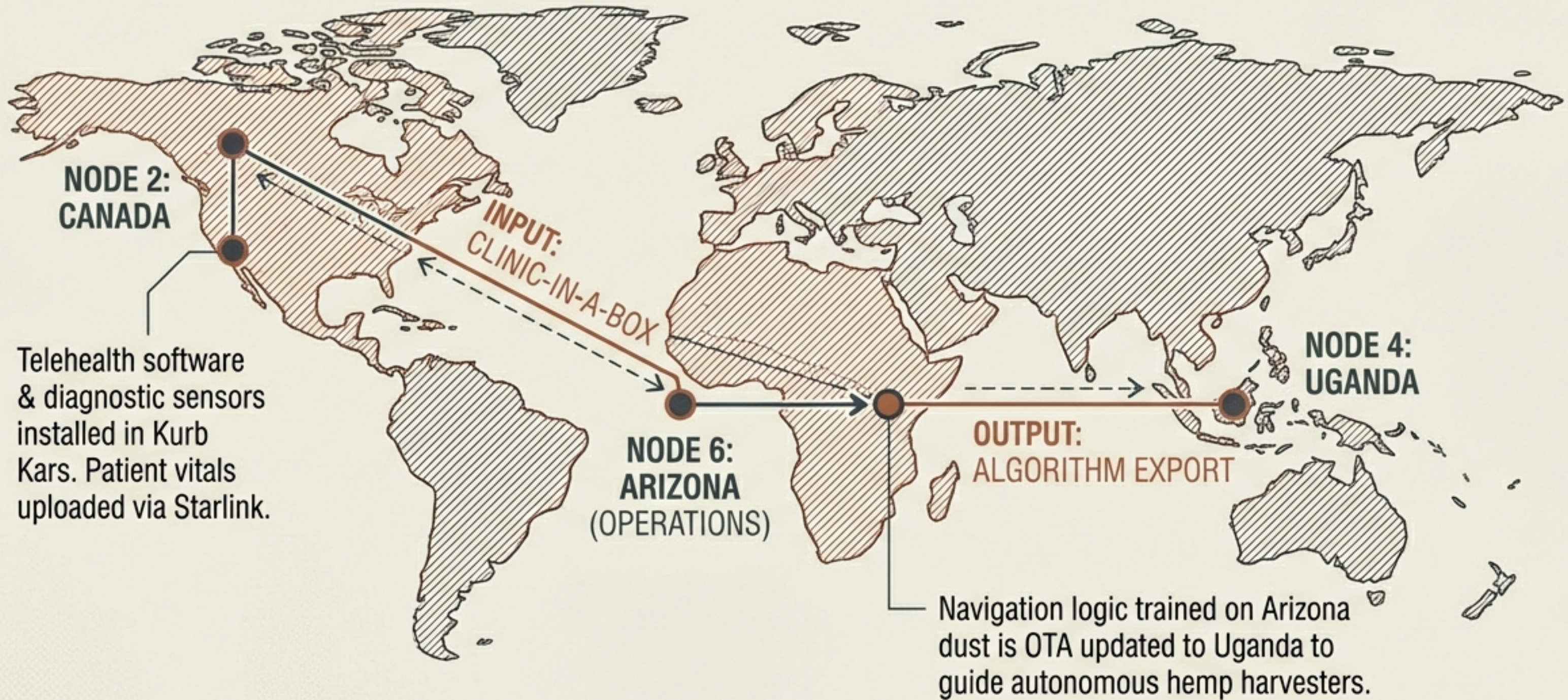
THE ENERGY

Microgrid Integration

V2G (Vehicle-to-Grid) enabled.
Cars act as mobile batteries to
stabilize local power loads when parked.

GLOBAL MESH INTEGRATION

Node 6 is not a silo. It is an input/output engine for the Octagon Network.



THE ROUTE 66 PIVOT: HIGH-TECH HERITAGE

Leveraging the 2026 Centennial for Grants & Positioning.

CONCEPT: THE ARTERY OF THE 21ST CENTURY

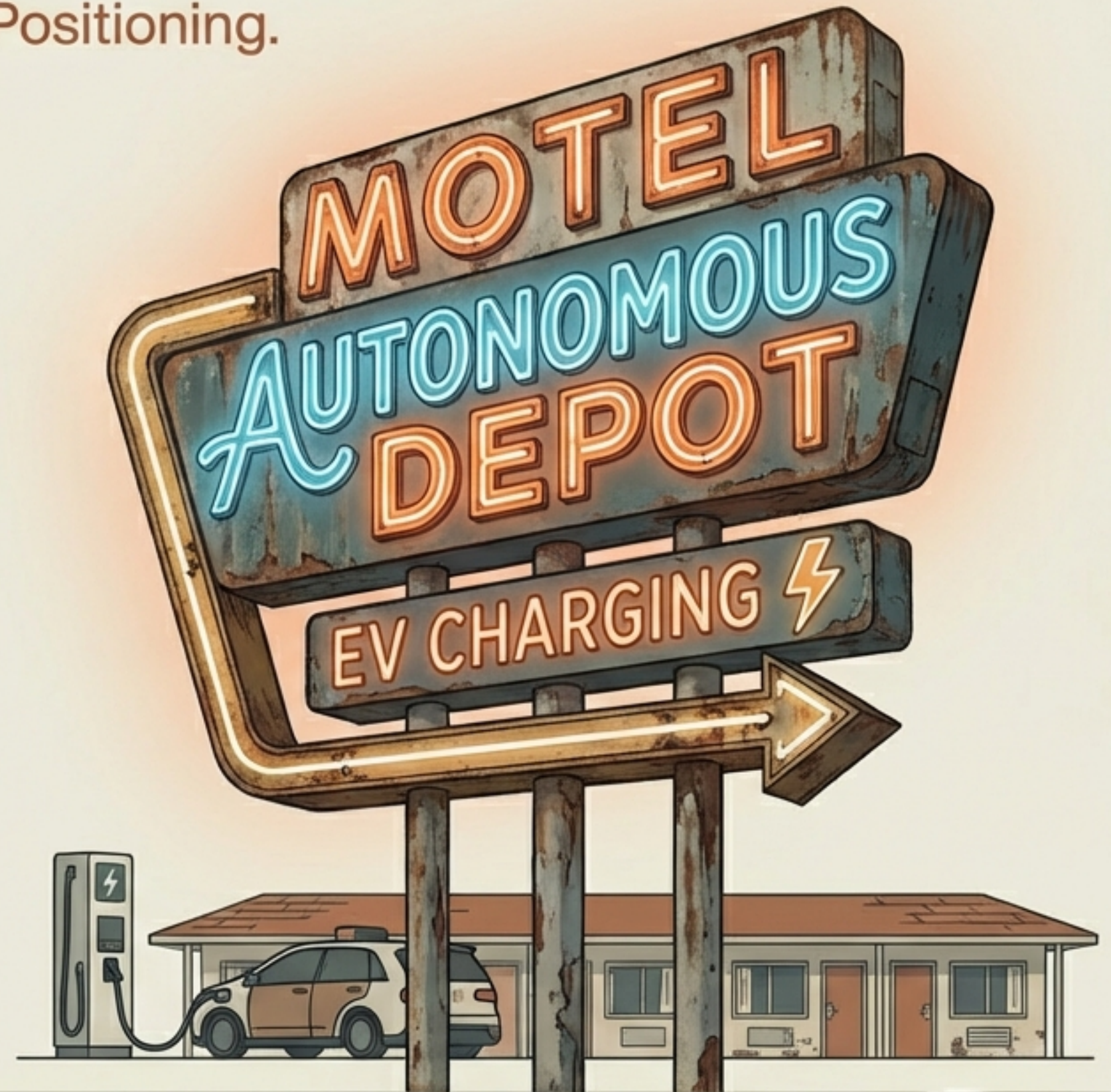
Route 66 was the first paved road to the west.
We are paving the digital road.

STRATEGY: THE NEO-GREEN BOOK

Positioning Sovereign Mobility as a tool for safety and accessibility. Solving the transportation desert for the elderly and disabled.

EXECUTION

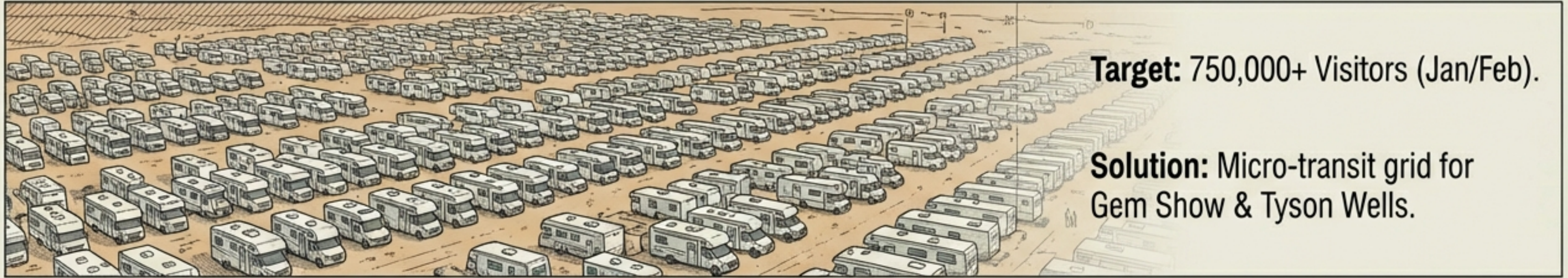
Retrofitting historic motels and diners with RIOS charging hubs to access preservation grants.



QUARTZSITE & RIVER STRATEGY

Capturing Seasonal Economies

WINTER SURGE: QUARTZSITE



BLUE MOBILITY: THE RIVER



THE 'LAYER CAKE' FUNDING STRATEGY

Non-Dilutive Capital Stack for 2026

LAYER 3: INNOVATION (R&D)

Source: RAV Research Program / FTA 5311

Use: Fleet Deployment & AI Modeling

LAYER 2: INFRASTRUCTURE (CAPEX)

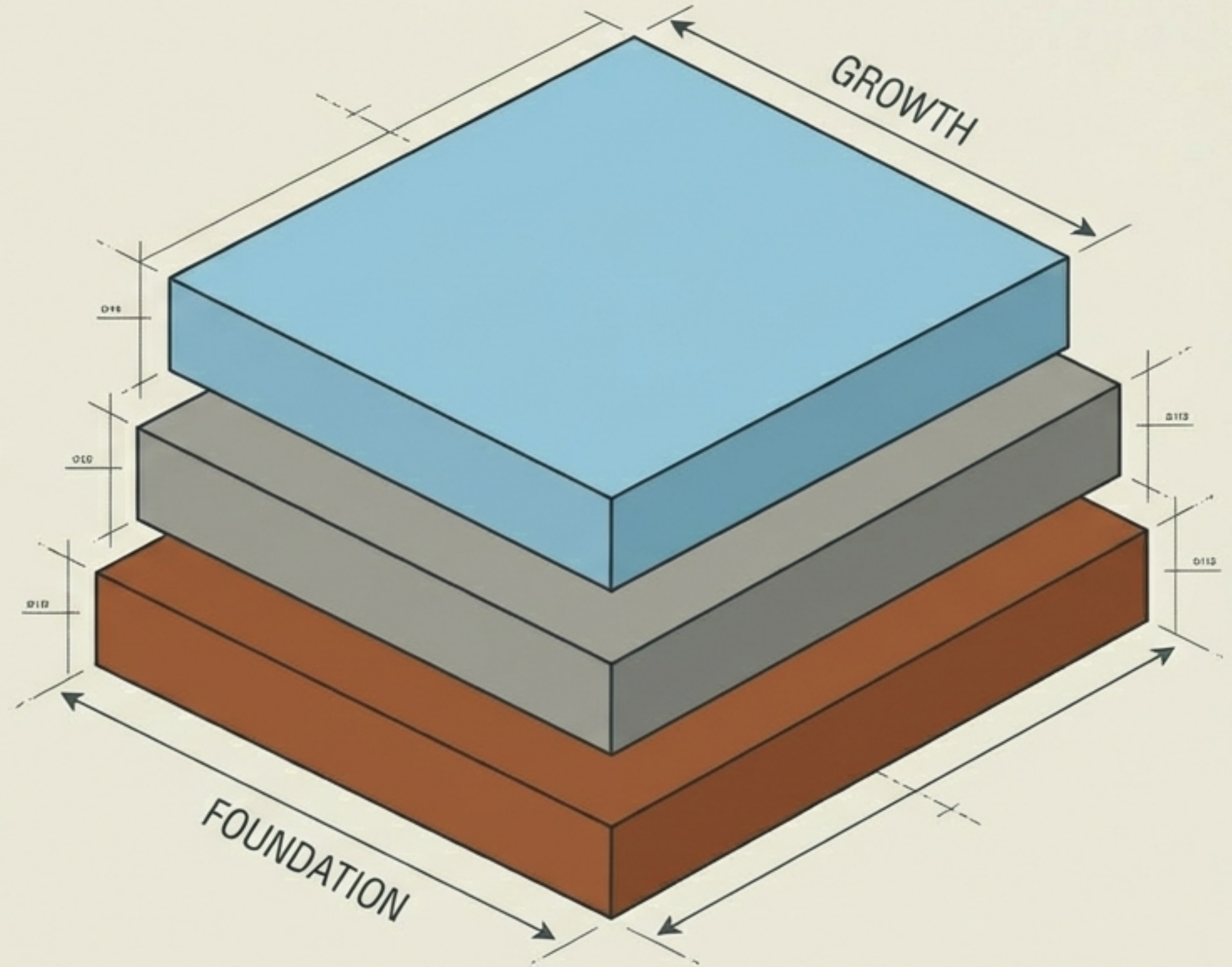
Source: Federal CFI / SMART Grants

Use: Charging Hubs & Connectivity Towers

LAYER 1: SEED (OPEX)

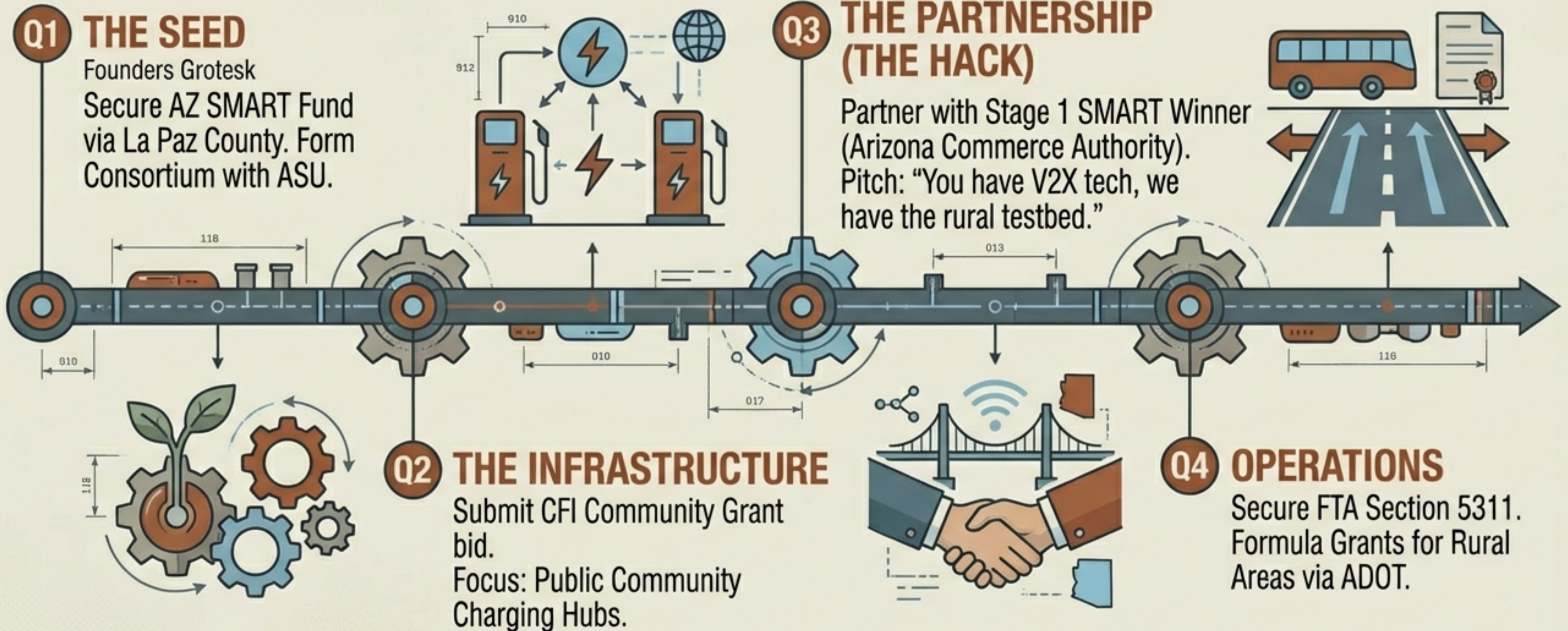
Source: AZ SMART Fund (State Match)

Use: Engineering, Feasibility, & Grant Writing



THE GRANT ROADMAP: 2026 FISCAL YEAR

Execution Timeline & Strategic Partnerships



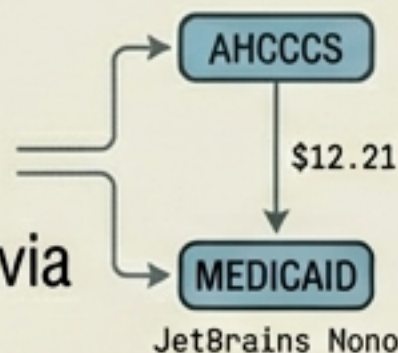
SUSTAINABLE REVENUE ARCHITECTURE

Burnt Sienna Fouders Grotesk Medium



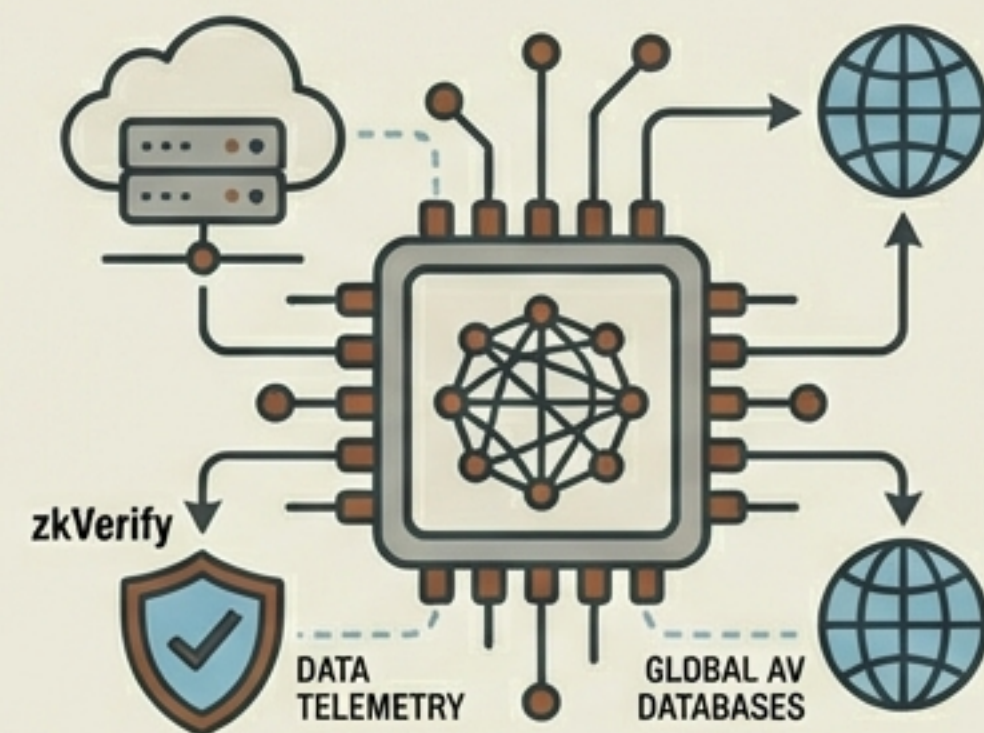
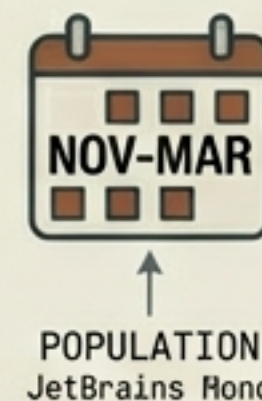
STREAM A: B2G (GOVERNMENT)

NEMT Reimbursements via AHCCCS/Medicaid.
Est. \$12.21 Base + \$1.53/mile.
High volume, consistent base revenue.



STREAM B: B2C (TOURISM)

Seasonal "Snowbird" surge pricing.
Private ride-hailing for the 1M+ winter visitors in Quartzsite.



STREAM C: B2B (DATA)

Monetization of "Edge Case" driving data.
Telemetry of unpaved roads verified via zkVerify and sold to global AV databases.



LEADERSHIP & PARTNER ECOSYSTEM



BRION CRUM

The Champion / The Human Link

Mandate: Connecting Capital, Real Estate, and Technology. Bridging the gap between investors and high-growth opportunities in the Southwest.



The Ecosystem approach ensures regulatory compliance and community trust.

THE NEW RURAL ECONOMY

THE SHIFT:

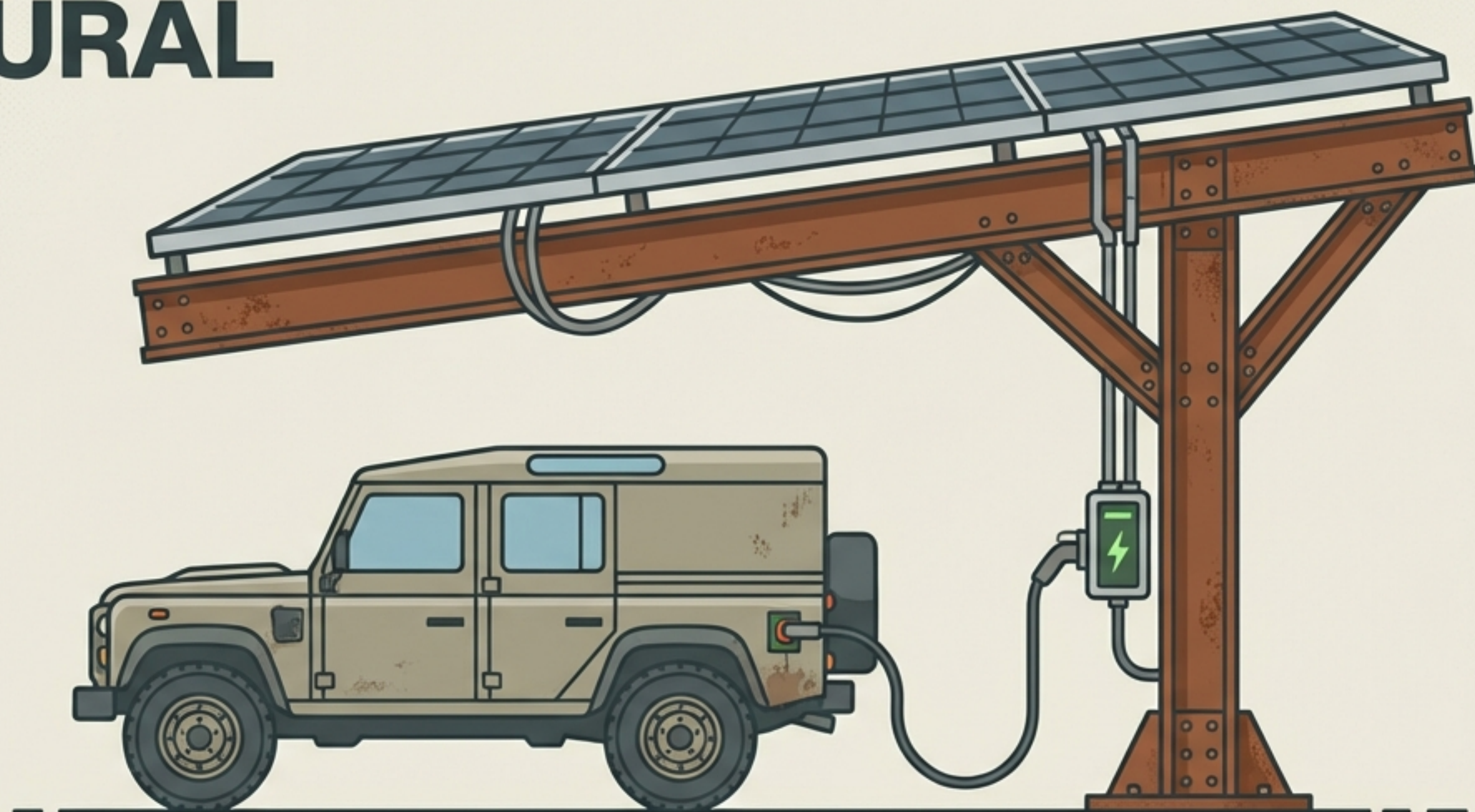
From 'Governance'
to 'Logistics'.

THE HACK:

Partnering with Stage 1
winners to fast-track
funding.

THE VISION:

Moving from 'Labs'
to 'Real Roads'.



**NODE 6 IS NOT JUST
TESTING TECHNOLOGY.
IT IS DELIVERING SERVICE.**

APPENDIX: DATA BANK & REFERENCES

GRANT SPECIFICS	REVENUE ASSUMPTIONS	ACRONYMS
<p>AZ SMART Fund: Rolling/Quarterly. Admin: ADOT. RAV Research Program: \$25M Allocation for rural AV. CFI Grant: 50% set- aside for rural/low- income areas.</p>	<p>Based on standard round trip to Parker (64 miles). Utilization rates based on Q1 Pilot Fleet deployment.</p>	<p>NEMT: Non-Emergency Medical Transport Medical Transport V2G: Vehicle-to-Grid NOFO: Notice of Funding Opportunity RIOS: Rural Infrastructure Operating System</p>