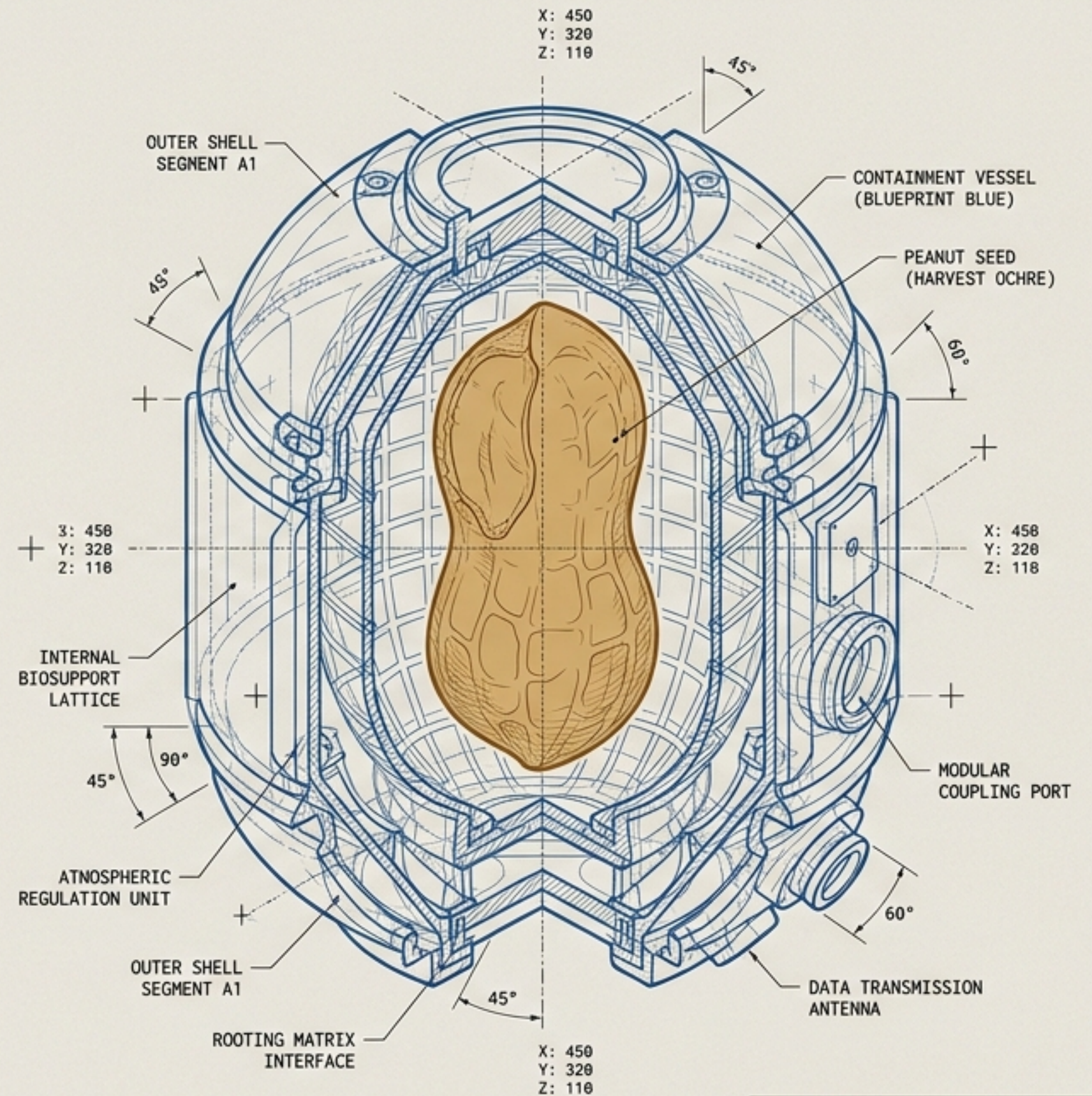


Pluto Peanut™ Inc.

Growing where others can't.

Business Plan – 2026 Edition

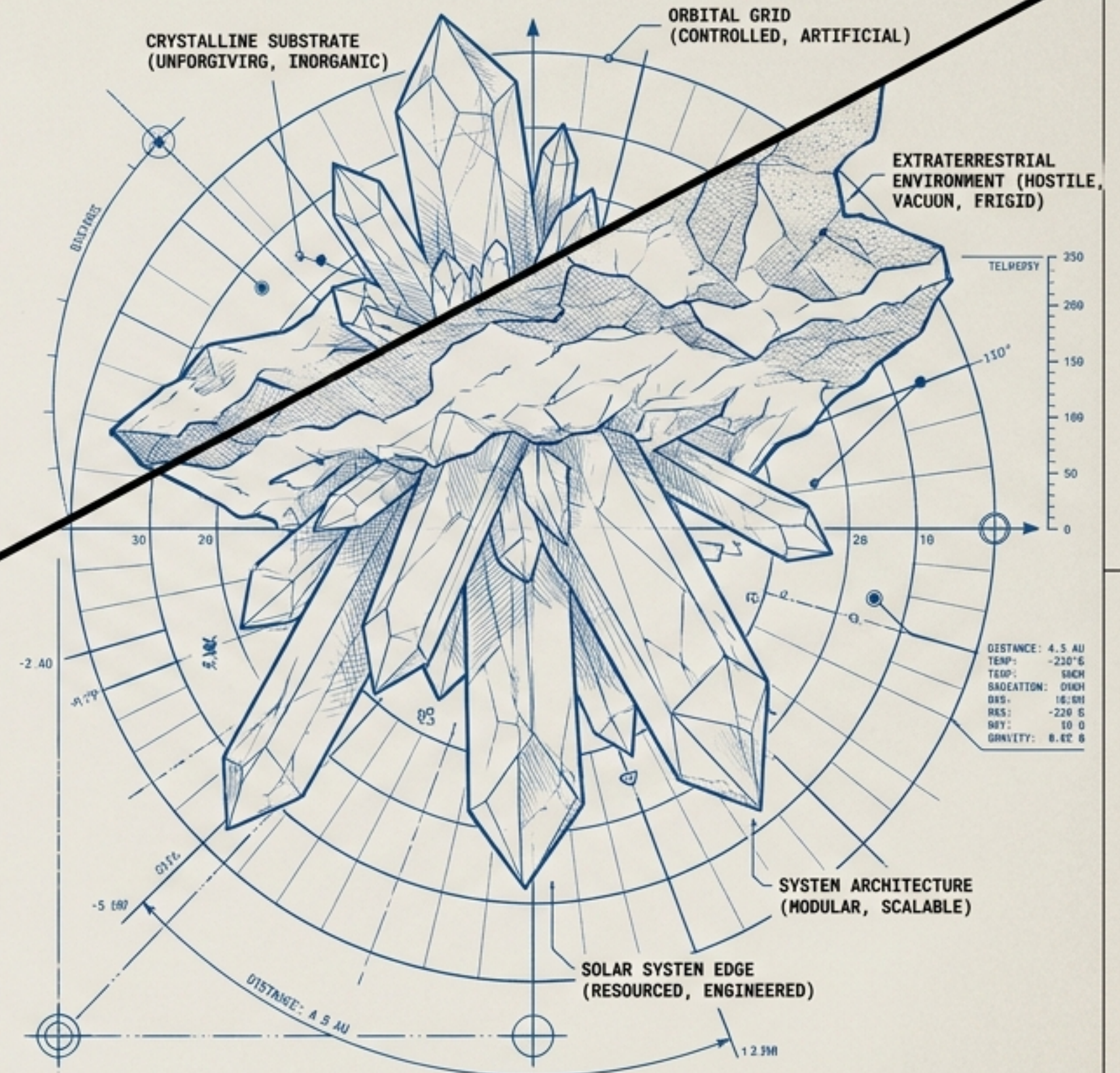
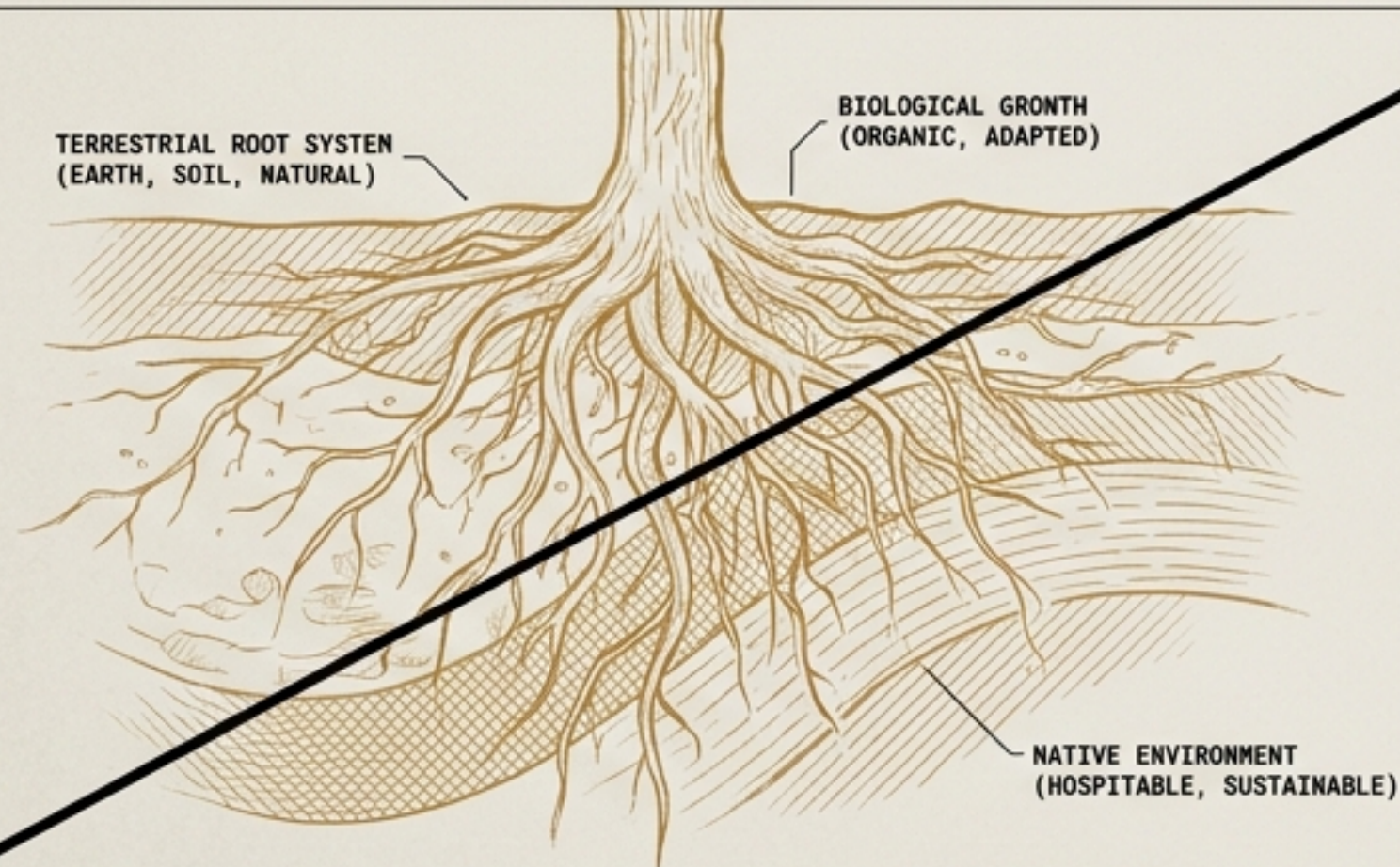


APPROVED FOR R&D – CLASSIFIED – 2026

Expanding the boundaries of where life can exist.

Every civilization that expands beyond its planet must solve one fundamental problem: how to grow life in places where life cannot naturally exist.

We are building the agricultural infrastructure of an interplanetary future—proving that life-supporting agriculture can exist anywhere, from Earth's most hostile environments to the edge of the Solar System.



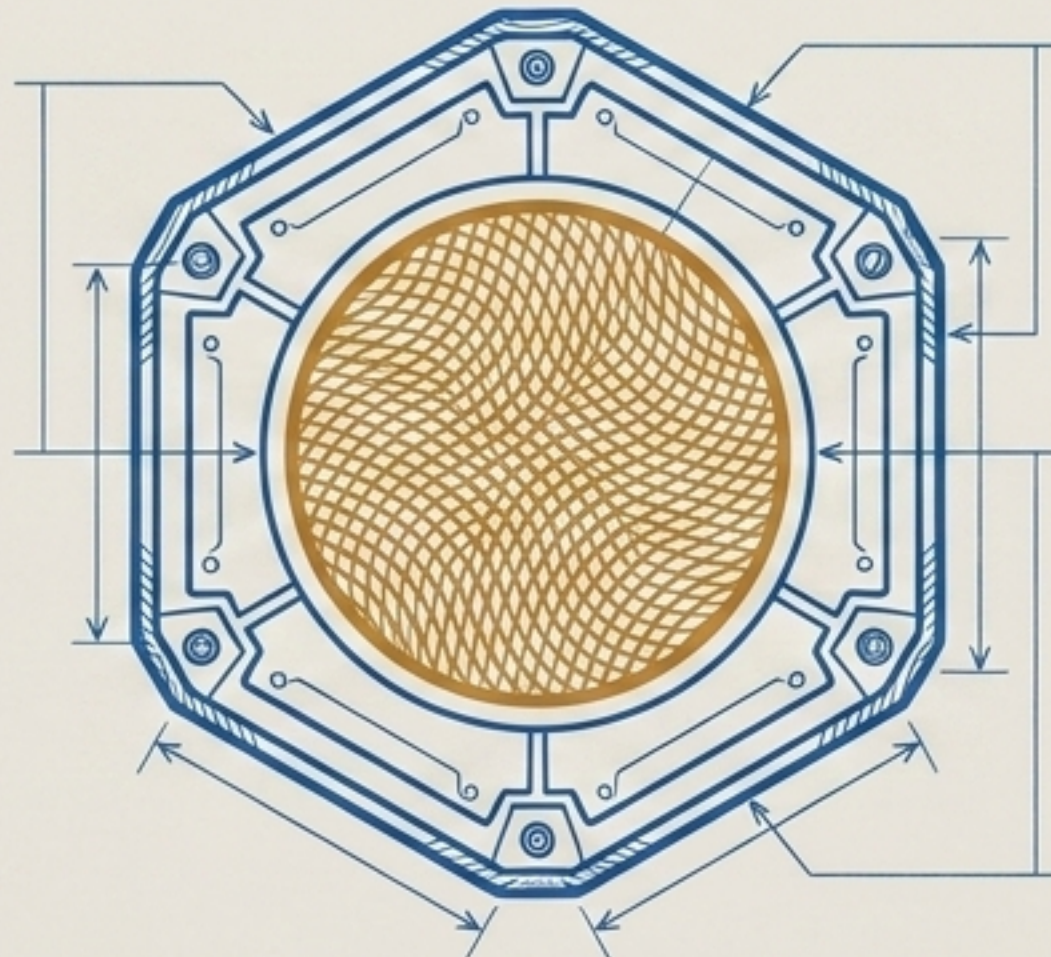
The physical realities of Pluto dictate the engineering of our solution.

A natural peanut cannot survive on Pluto. We are engineering the environment, not relying on the dirt.

Environmental Reality Check		
Earth Baseline	Pluto Reality	HarshPod™ Engineered Solution
Moderate temps -----	~ -225°C -----	Closed-loop thermal regulation
Rich soil -----	Frozen ice/hydrocarbons -----	Hydroponic nutrient synthesis
1G gravity -----	~6% gravity -----	Localized gravity simulation
100% sunlight -----	~1,000x weaker sunlight -----	LED artificial sunlight
Thick atmosphere -----	High radiation, extremely thin nitrogen	Multi-layer radiation shielding (ice/regolith/hemp carbon composite)

**The peanut is a symbol. Is the lot.
The product is the infrastructure.**

**Pluto Peanut™ does not compete in peanuts. It competes in the
future of autonomous life-support systems. The real product is
a machine that keeps biology alive anywhere.**



Near-term commercialization begins with HarshPod™.

A modular, self-contained, AI-controlled farming system built for Earth's extreme environments. Low power, IoT monitored, and fully autonomous.

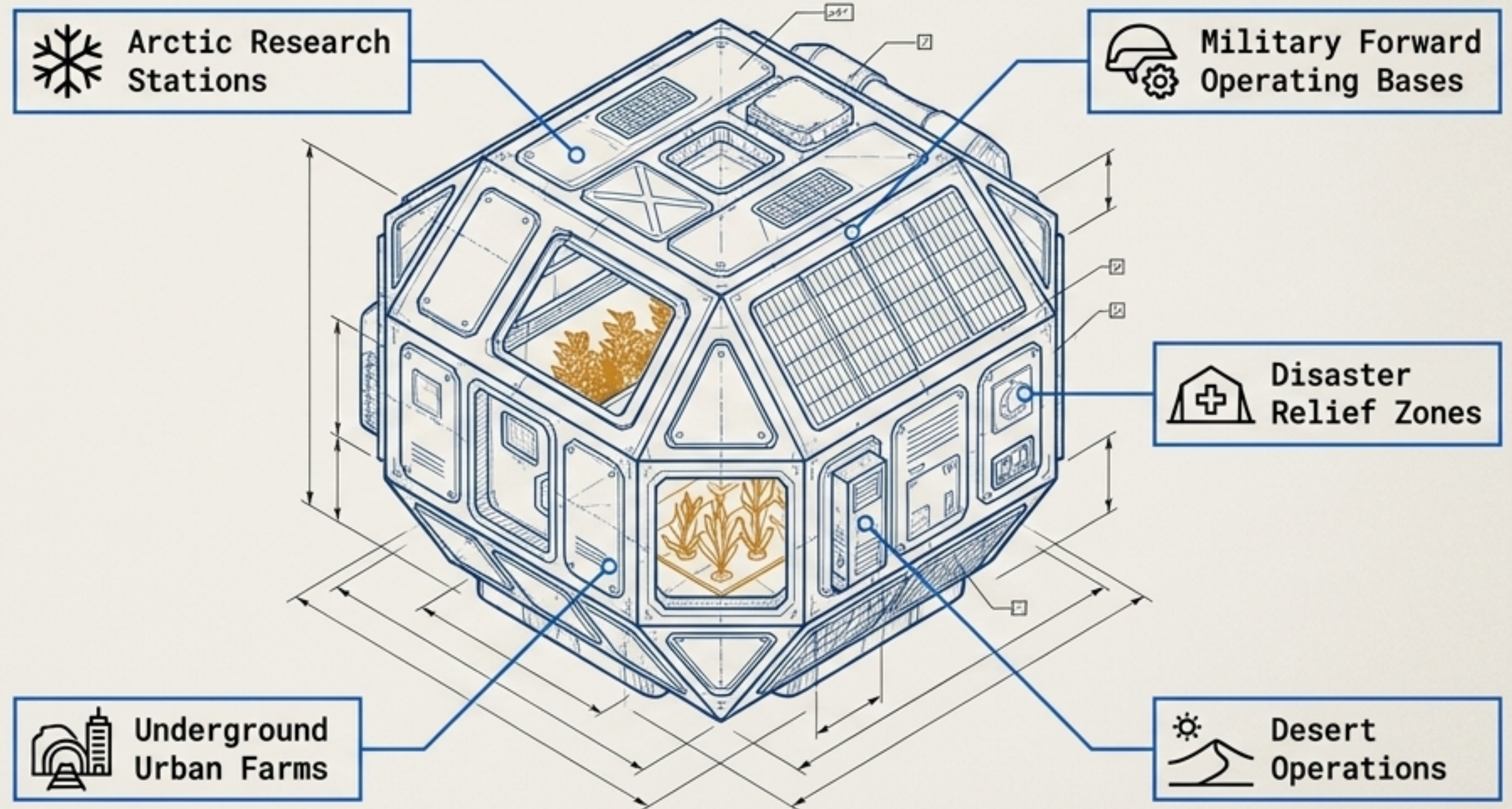
Unit Economics:

\$250,000
entry-level module

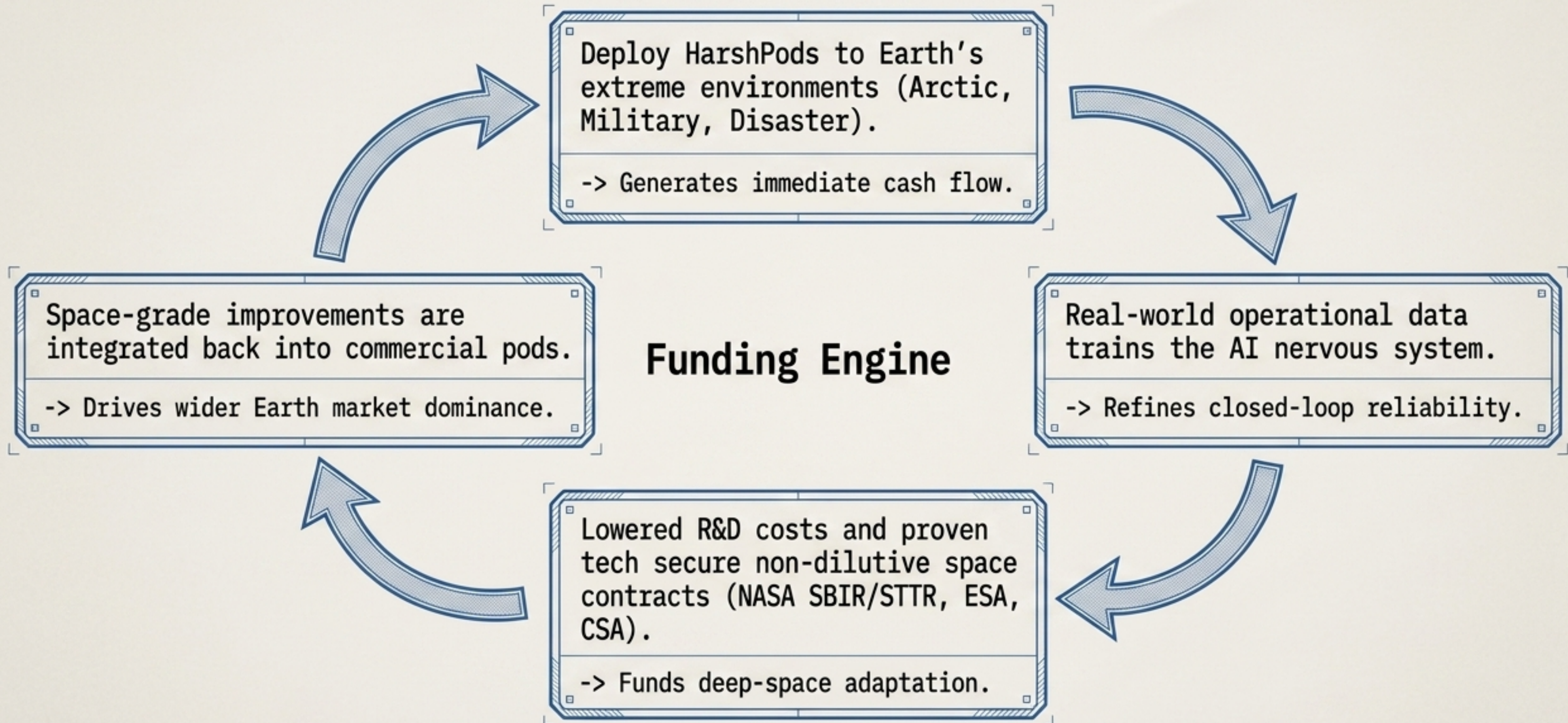
\$1M commercial
deployment

\$5M+ enterprise
deployment

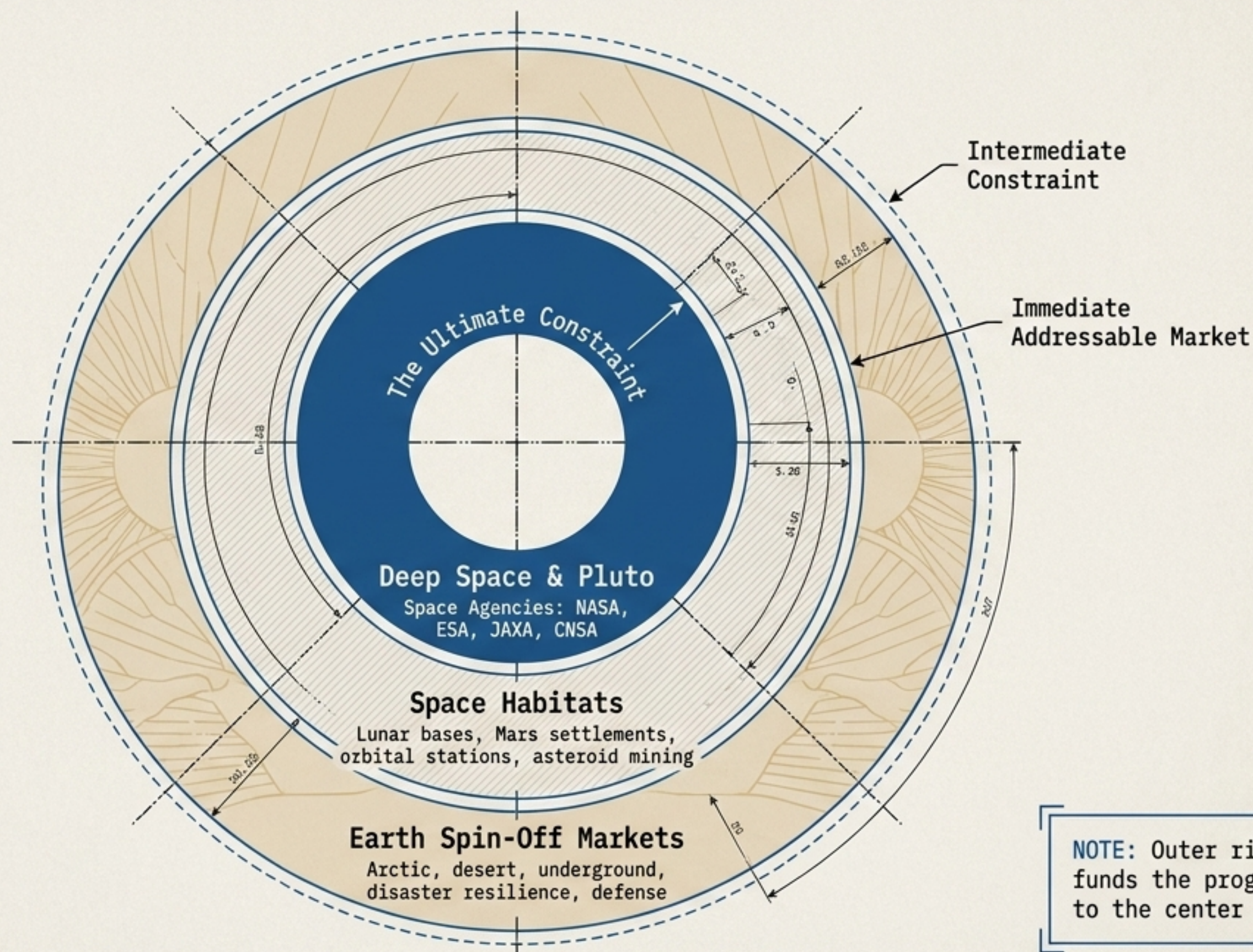
AI Software Revenue:
\$10,000–\$1M per year
subscription



Earth commercialization directly subsidizes off-world R&D.

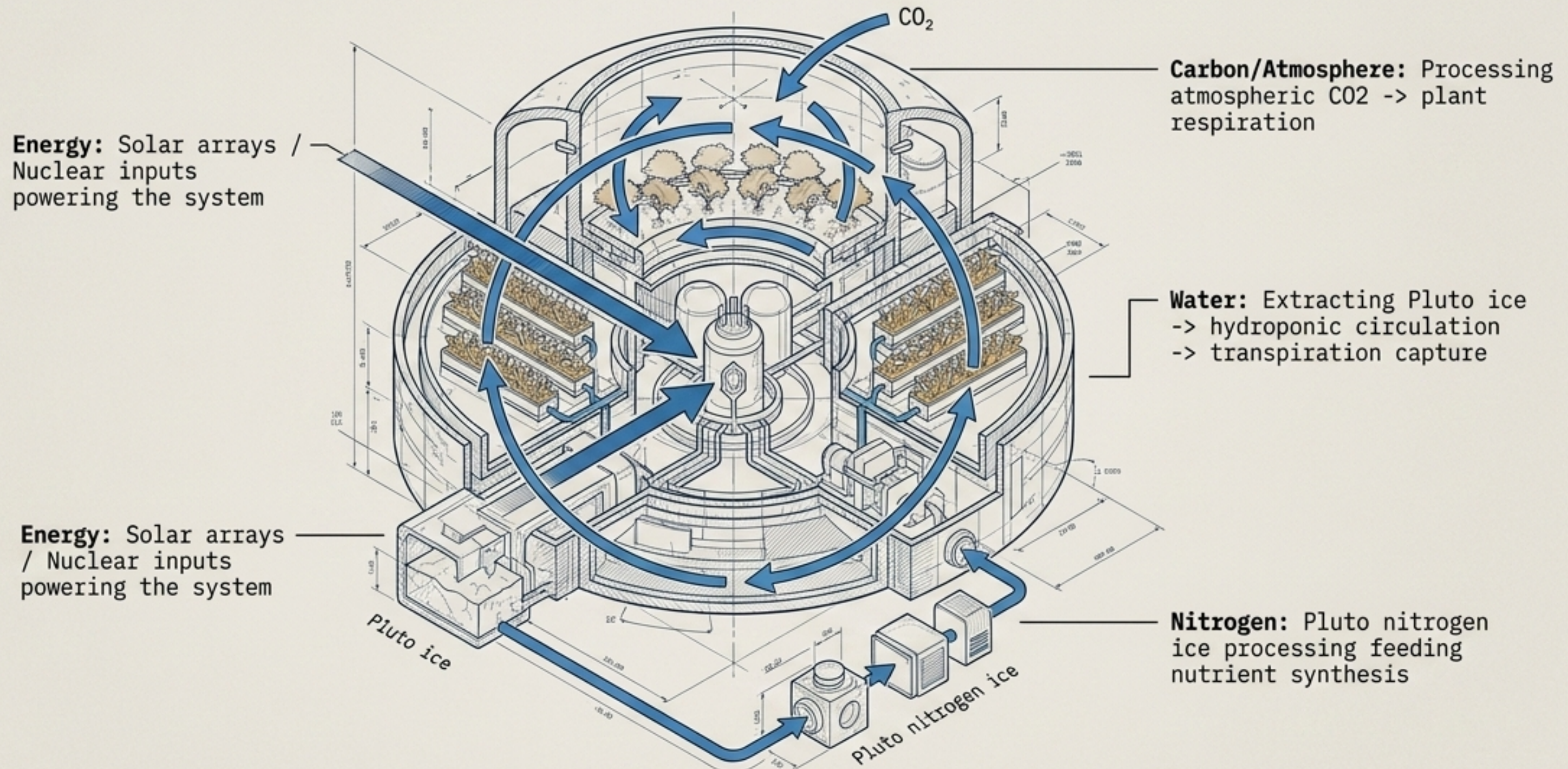


Mastering the extreme center captures the surrounding environments.



Closed-loop resource architecture for total isolation.

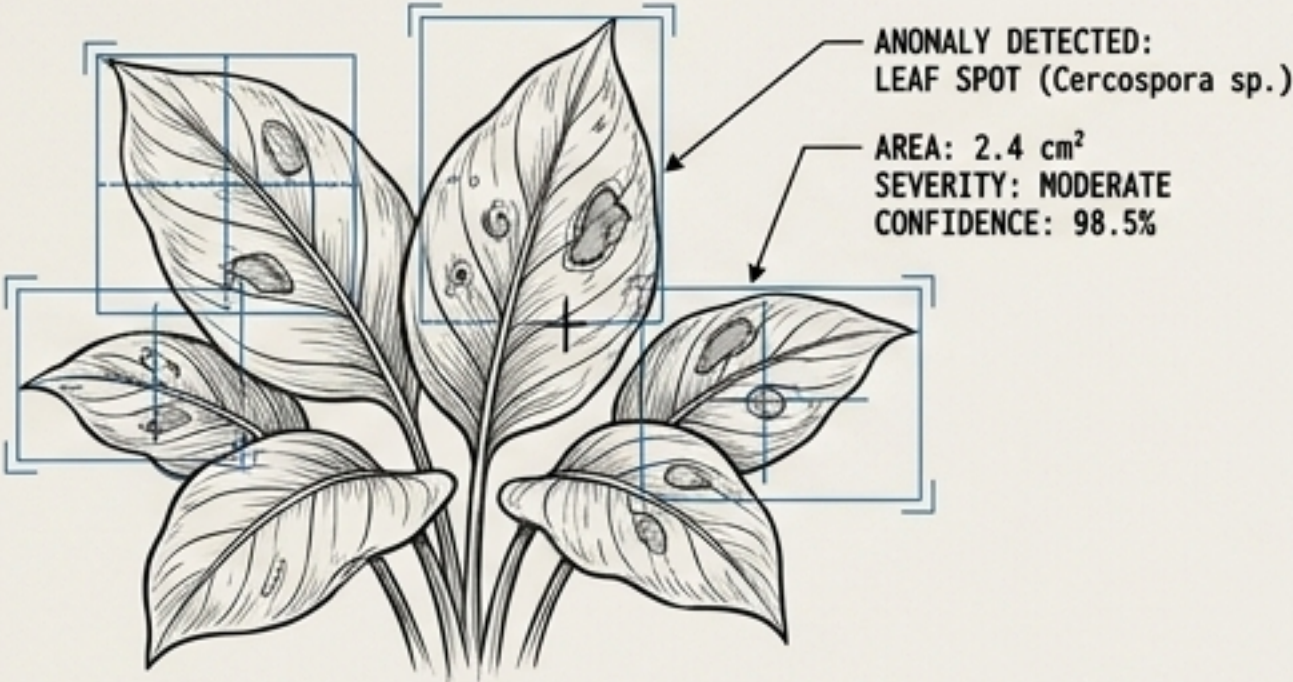
Autonomous Pluto Agricultural Biosphere (APAB) Resource Flow



PeanutGPT acts as the central nervous system for autonomous survival.

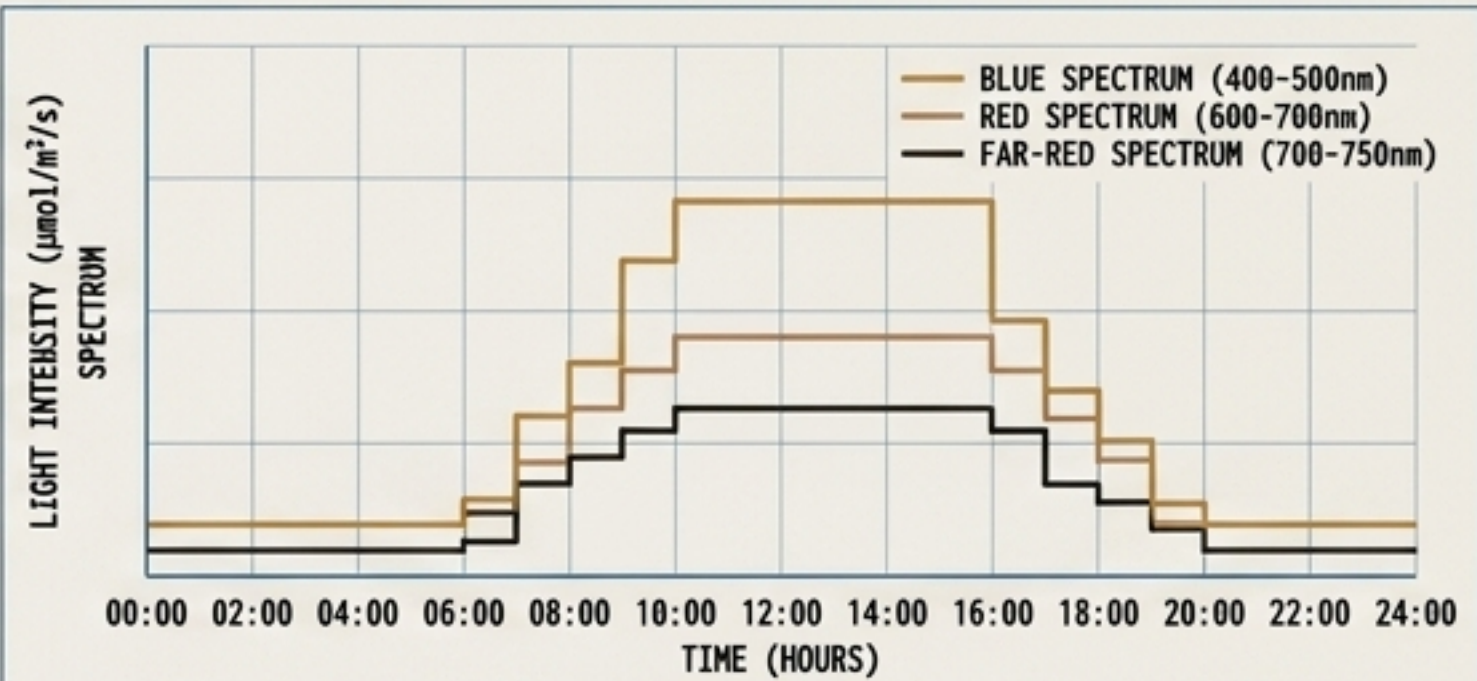
Redundant AI control is required because closed ecosystems are inherently fragile.

Plant Health & Disease Detection



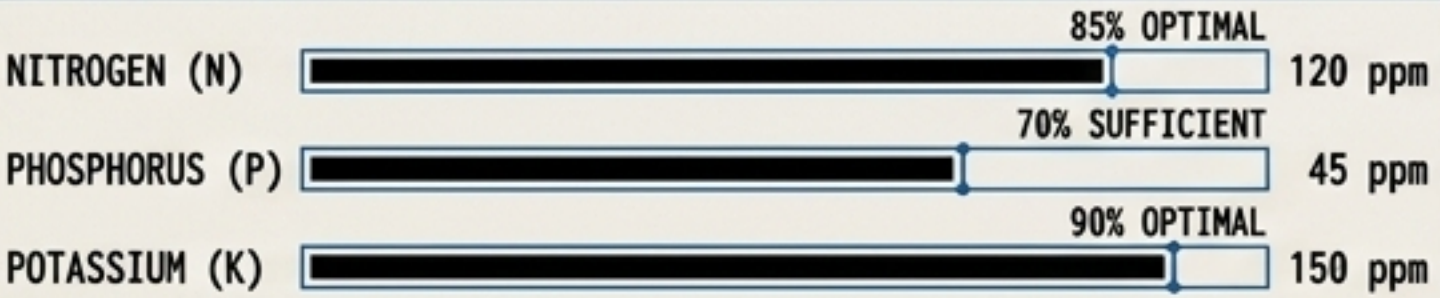
STATUS: INTERVENTION RECOMMENDED - FUNGAL TREATMENT PROTOCOL INITIATED.

Dynamic Lighting Matrix



CURRENT PHASE: PHOTOPERIOD MODULATION. SIMULATED DAWN.
INTENSITY: 450 μmol/m²/s. SPECTRUM: 60% RED, 30% BLUE, 10% FAR-RED.

Nutrient Dosing



EC (ELECTRICAL CONDUCTIVITY): 1.8 mS/cm. pH: 5.8. RESERVOIR VOLUME: 500L.

Robotic Task Management

[08:00:01] SYSTEM: DAILY DIAGNOSTICS COMPLETE. ALL SYSTEMS NONINAL.

[08:15:38] ROBOTIC ARM 1: HYDROPONIC TRAY A - NUTRIENT DELIVERY INITIATED.

[08:20:45] ROBOTIC ARM 2: TRAY B - PLANT PRUNING (LEAF REMOVAL) COMPLETE.

[08:35:12] SENSOR ARRAY: HUMIDITY ANOMALY DETECTED IN ZONE 3. ADJUSTING HVAC.

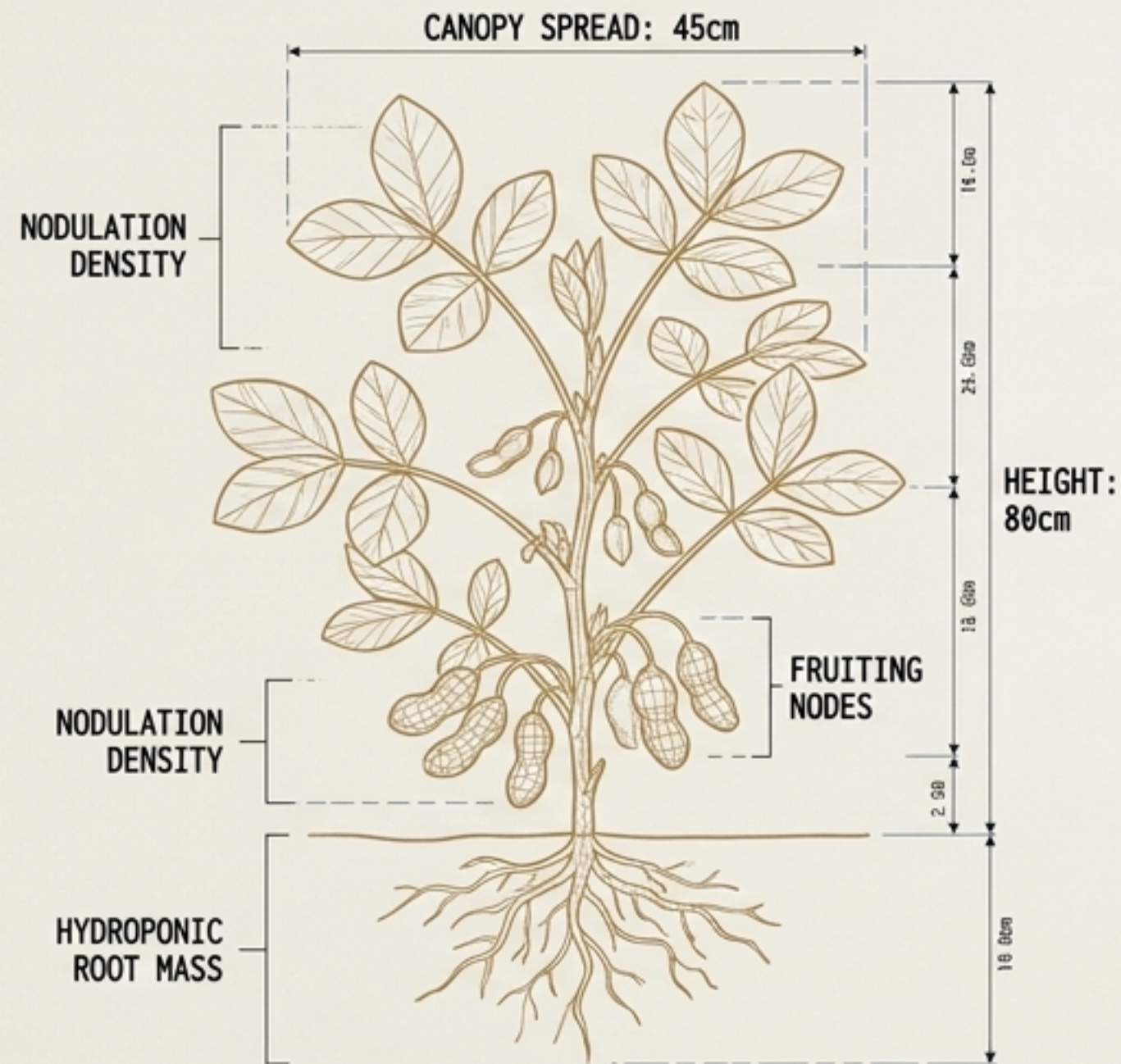
[08:40:55] HVAC SYSTEM: ZONE 3 HUMIDITY NORMALIZED.

[08:50:22] ROBOTIC ARM 3: HARVEST OCHRE ALGAE CULTIVATION - BIOREACTORS CLEANED.

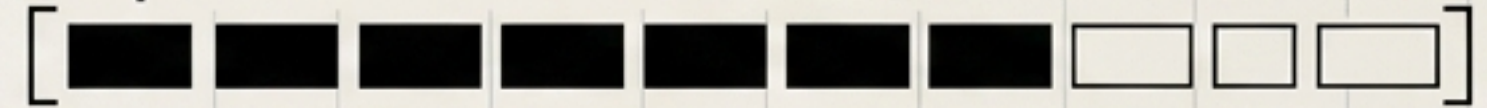
[09:00:00] PEANUTGPT: ORCHESTRATING NEXT TASK SEQUENCE.

Engineering the Pluto Peanut Genotype™.

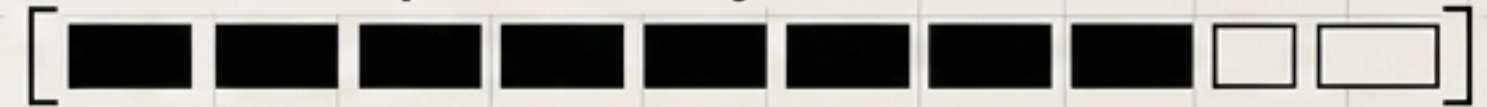
Leveraging selective breeding, CRISPR, and synthetic biology to design crops specifically for closed-loop, high-radiation environments. Includes soybeans, potatoes, algae, hemp, and microgreens.



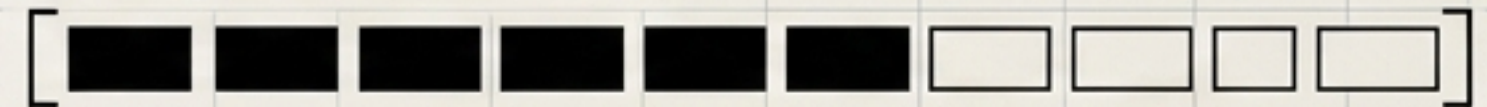
Compact Growth Architecture



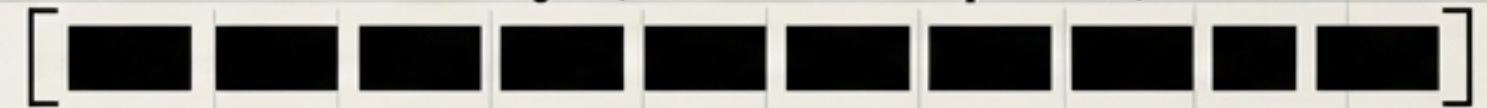
Caloric Output Density



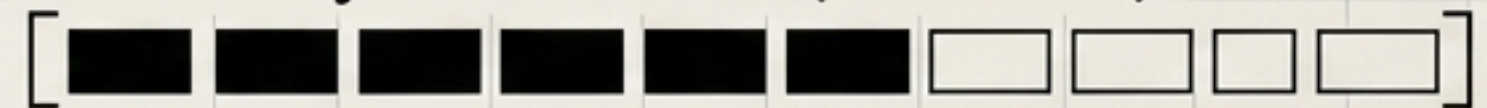
Radiation Tolerance



Water Efficiency (Low Consumption)



Harvest Cycle Duration (Shortened)



What you are buying today.

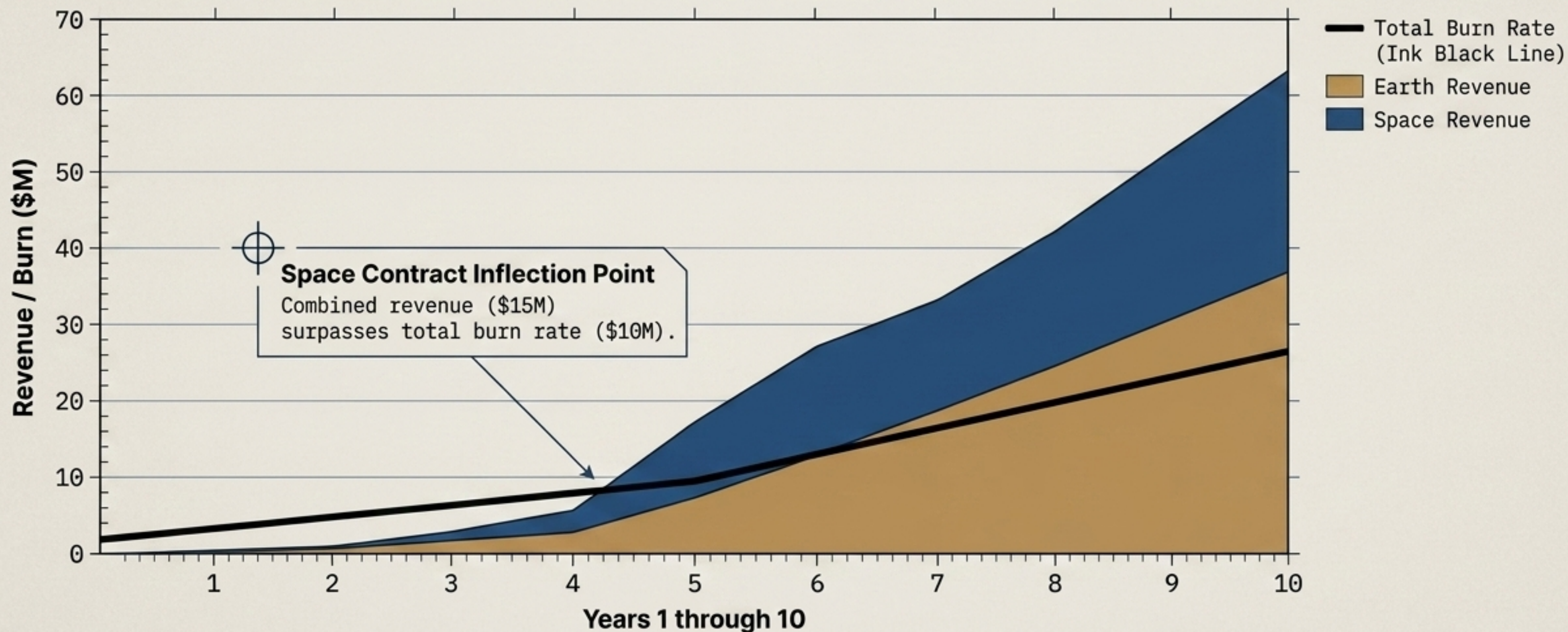
The 100-Year Vision	The 5-Year Reality
End Product: Peanut Base Alpha on Pluto	End Product: HarshPod™ Extreme Environment Modules
Target Market: Interplanetary civilization	Target Market: B2B Earth Operations / Defense / AgTech
Timeline: 74+ years (multiple political cycles)	Timeline: Immediate (2026 prototype deployment)
Capital Required: >\$50B	Capital Required: \$120M cumulative over 10 years
NPV: ~\$0	Exit Valuation Potential: \$200M–\$500M

Before Pluto, we target the Moon, then Mars, then the outer Solar System.



Earth revenue unlocks and accelerates space revenue.

Conservative 10-year projection demonstrates breakeven crossover through terrestrial sales before major space contracts materialize.



Seed Funding Requirements & 24-Month Execution

**The Ask: \$2,000,000
Seed Round**

Use of Funds: Research team assembly, prototype chamber construction, initial plant experiments.
(Future Series A: \$25M)

Investment Recommendation:
Targeting **3x-10x** 5-year return driven by terrestrial product success.

1. Functional Earth-prototype built.

2. Secure 3 commercial HarshPod customers.

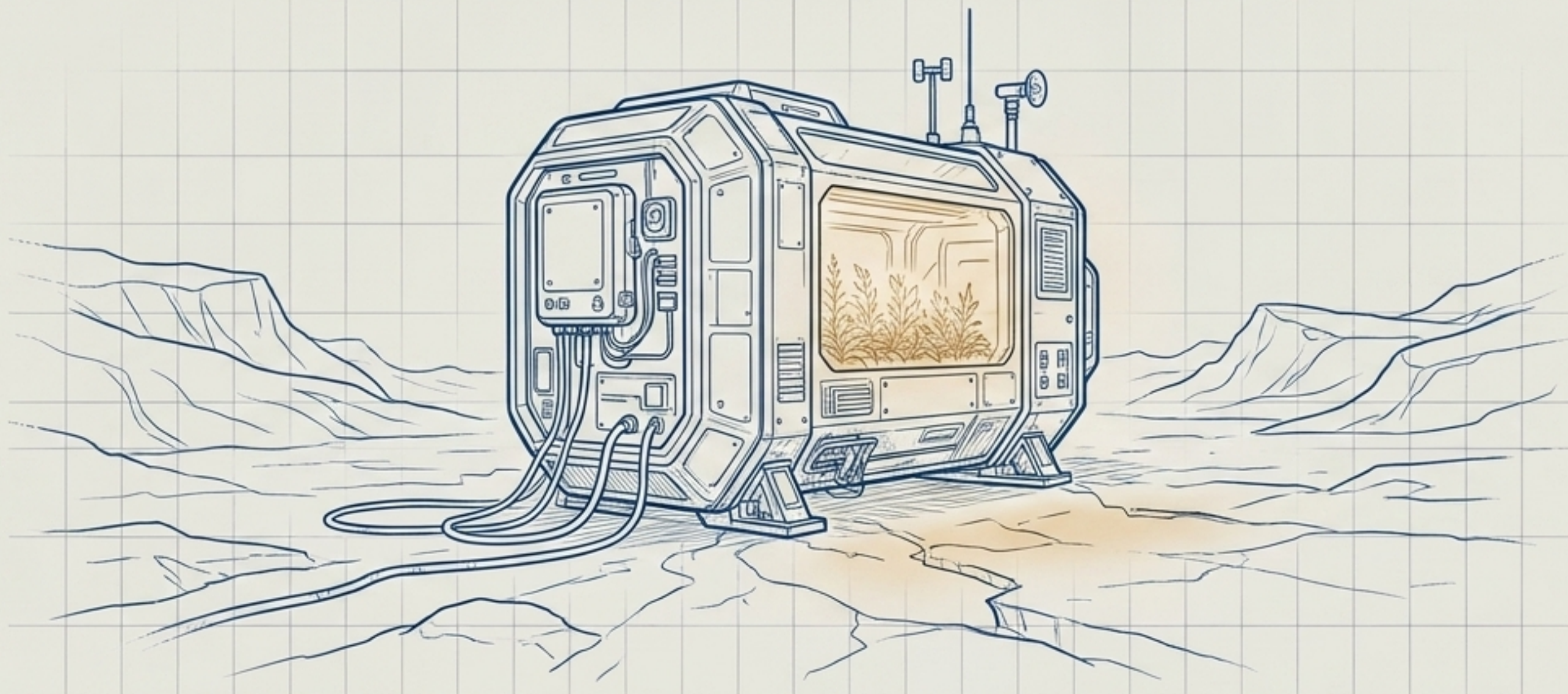
3. File core patent family.

4. Secure non-dilutive government grant (NASA SBIR).

5. Demonstrate viability across 5 plant species.

6. Achieve **>\$500K/year** run-rate revenue.

The 100-year vision. The 5-year market.



"We're building autonomous agriculture systems for Earth's most extreme environments—starting with the Arctic, deserts, and disaster zones. The same technology will eventually grow food on Mars, the Moon, and beyond."

Peanuts grown where no peanut has ever grown.