

Strategic Financial & Operational Scaling

A 7-Step Blueprint for High-Tech Controlled-Environment Aquaculture



The Investment Thesis: Precision Scaling

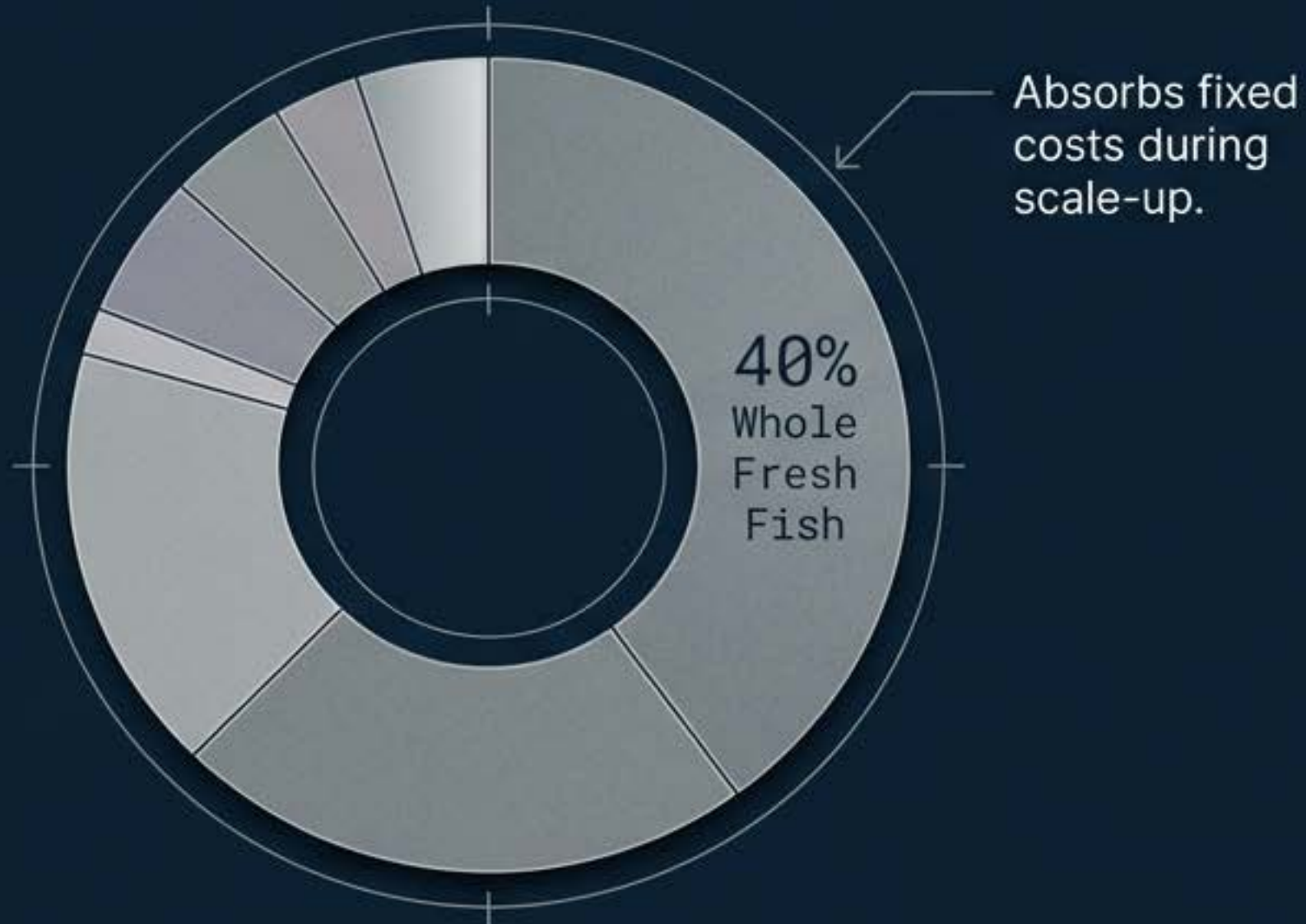
15-MONTH RUNWAY TO BREAKEVEN



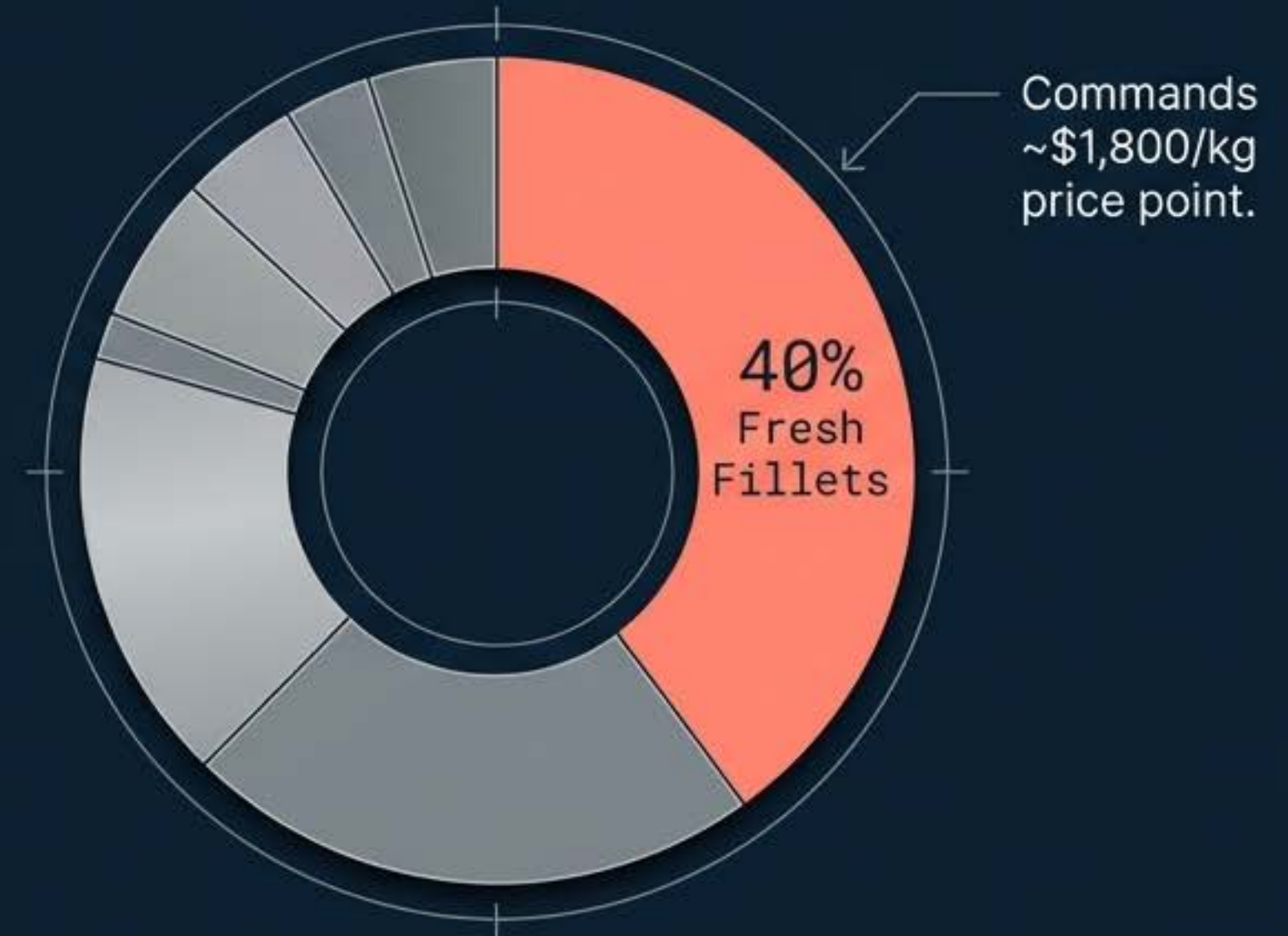
The model leverages a \$7.987 Billion capital infusion (CapEx + Liquidity) to bridge the gap between infrastructure build-out and the peak cash requirement in February 2027, ensuring operational solvency.

Optimizing Product Mix for Maximum Margin

Baseline Volume Driver



2030 Margin Target



Shift focus to value-added processing to maximize contribution margin.
Note: Processing costs must remain below 30% to maintain profitability.

Operational Excellence: Biology as Business



Facility Throughput & Cycle Density

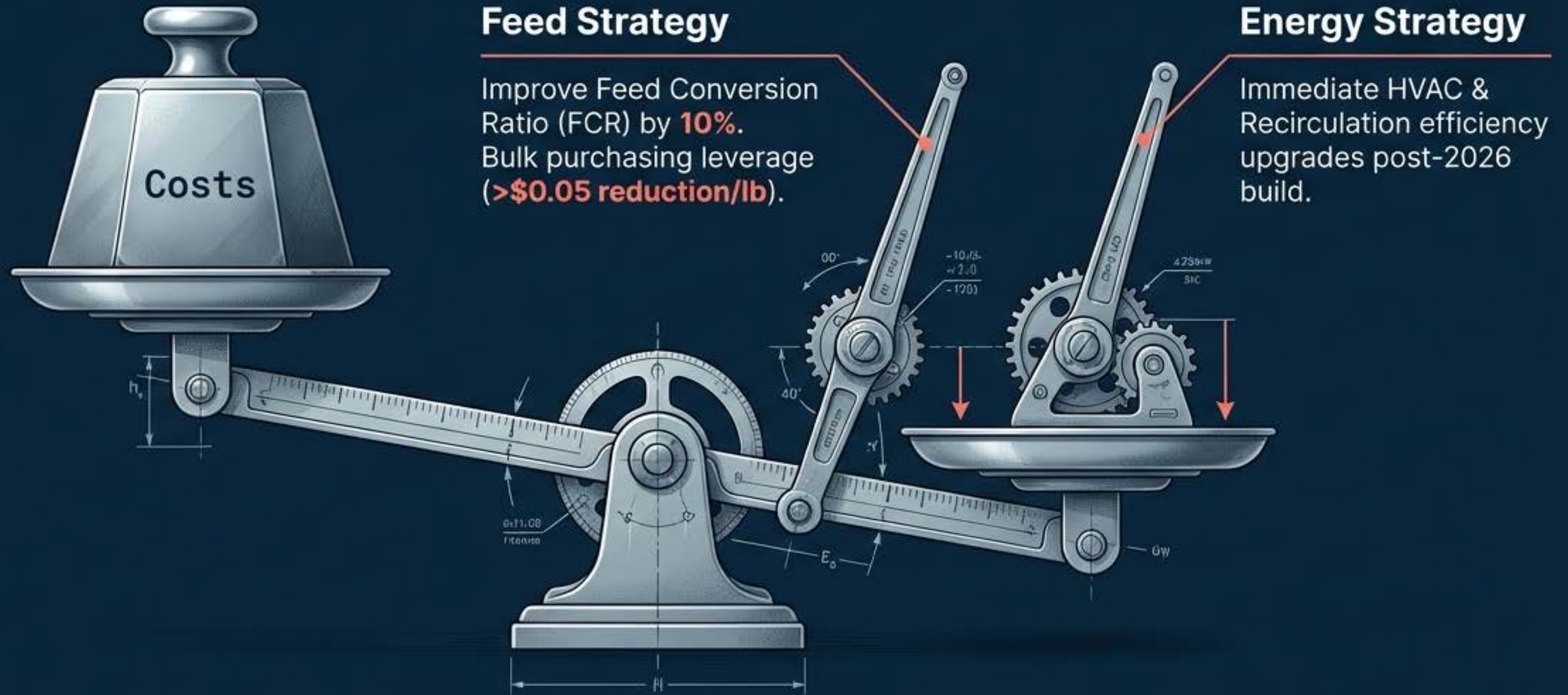


Analyzing the Variable Cost Structure



Current variable costs sit at 130% of revenue.
Optimization is not optional; it is required for survival.

Strategic Cost Optimization to Parity



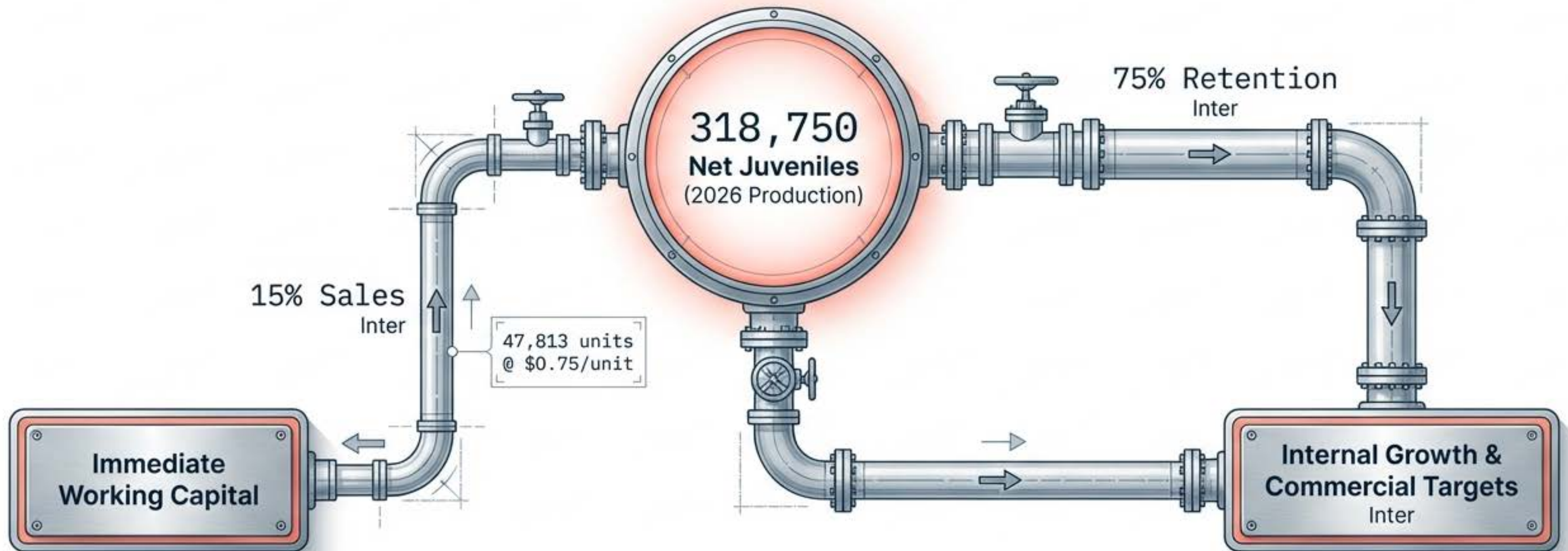
TARGET: 100% TOTAL VARIABLE COST (TVC) BY 2030

Infrastructure Foundation: CapEx Breakdown



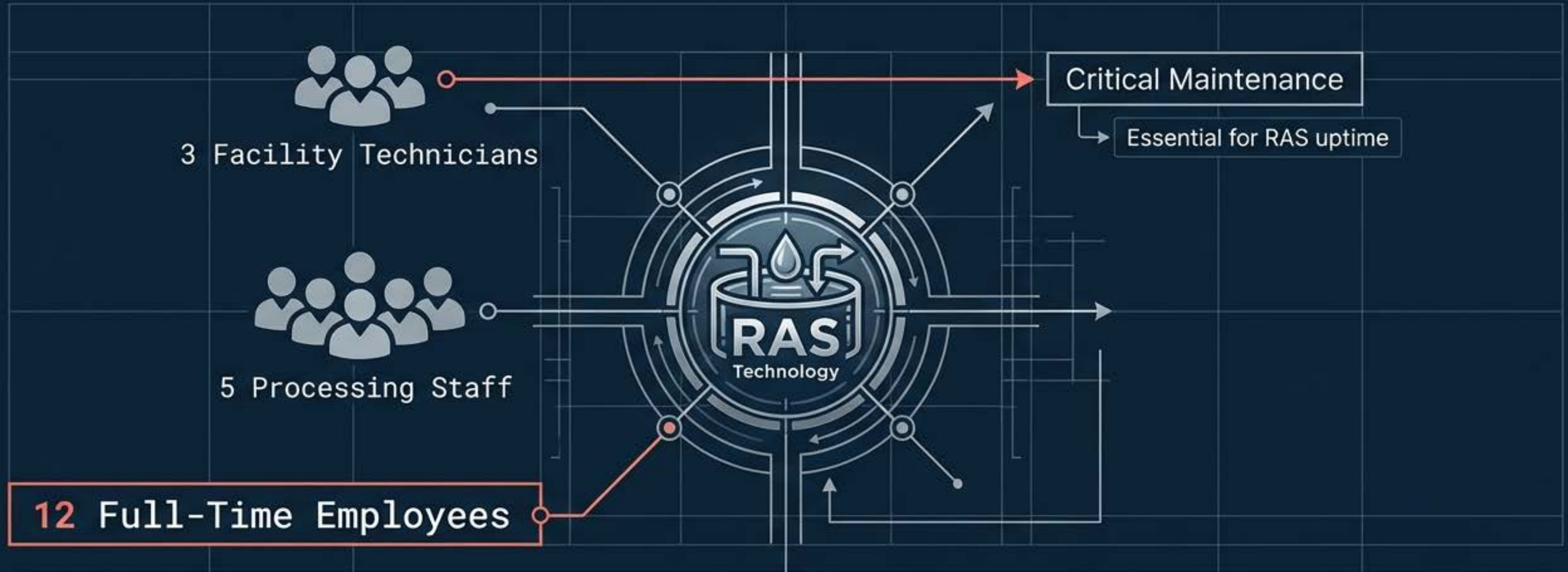
Noter: Risk: Construction bids must be locked immediately; delays in the build phase directly inflate costs.

Early Cash Generation: Juvenile Production



Validates hatchery efficiency and bridges the revenue gap before main harvest.

Human Capital & Fixed Overhead



\$97,417 MONTHLY BURN (FLOOR)

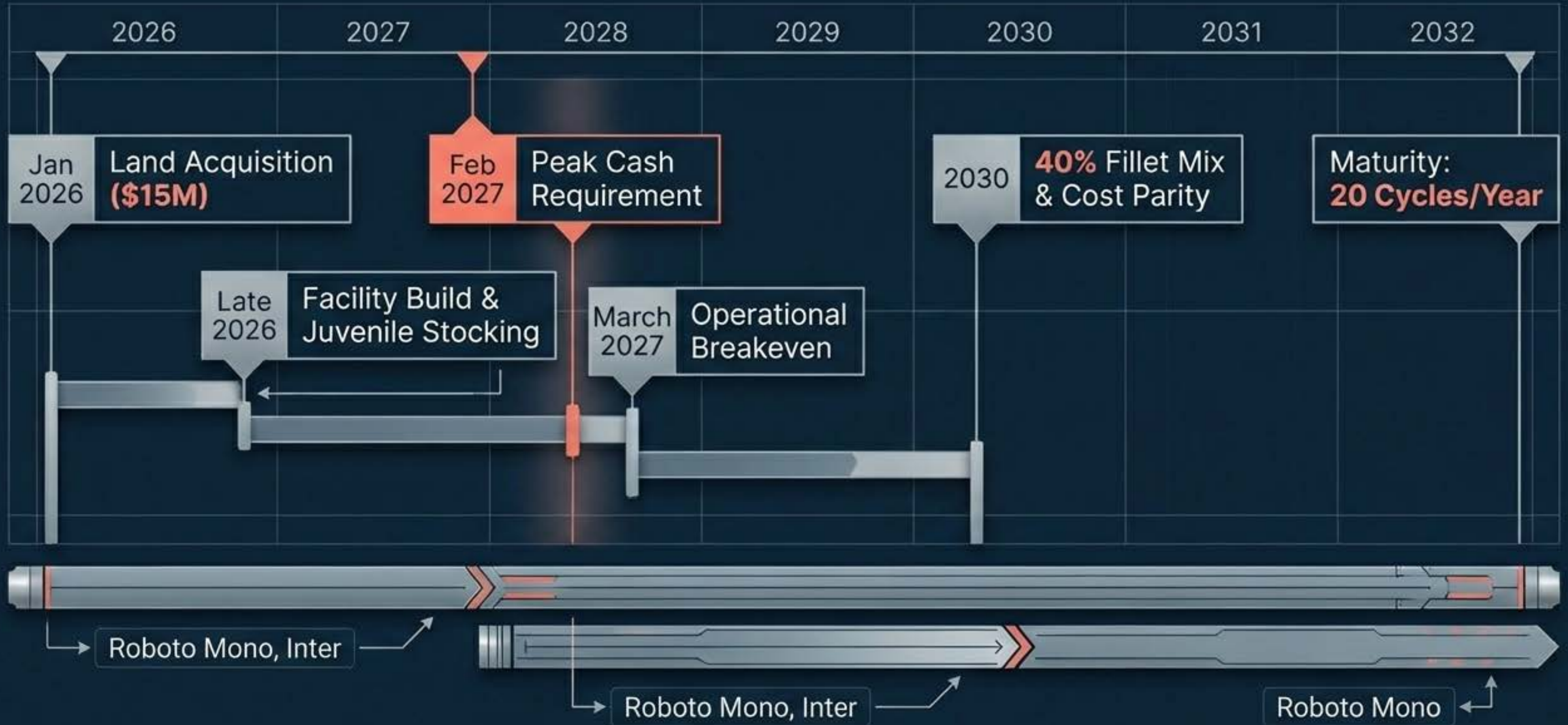
Fixed wage and operating costs are non-negotiable to maintain system uptime. Technicians are essential for RAS maintenance.

Securing the Runway: The Capital Mandate



The buffer protects against insolvency during the ramp-up phase and absorbs potential onboarding delays.

Critical Path to 2032



Mitigating Operational Drag



Processing
Costs

Risk: **>30%** erodes
volume margin.



Onboarding
Delays

Risk: **>14 days**
threatens 15-cycle
target.



Feed Price
Volatility

Risk: Spot pricing
spikes.

Strategy: Rigorous planning and the liquidity buffer are the primary mitigations against these operational risks.

The Investment Opportunity



- A controlled-environment venture where rigorous planning meets high-margin potential.
- Capital infusion of **\$7.9B** secures infrastructure and runway.
- Targeting market dominance by **2030**.

Appendix: Key Operating Metrics

Metric	Baseline (2026)	Target (2030/32)
Mortality Rate	10%	5%
Harvest Weight	25kg	35kg
CapEx	\$63M	–
Monthly Burn	\$97,417	–
Breakeven	15 Months	–
Total Funding Need	\$7.987B	–
Juvenile Price	\$0.75	–