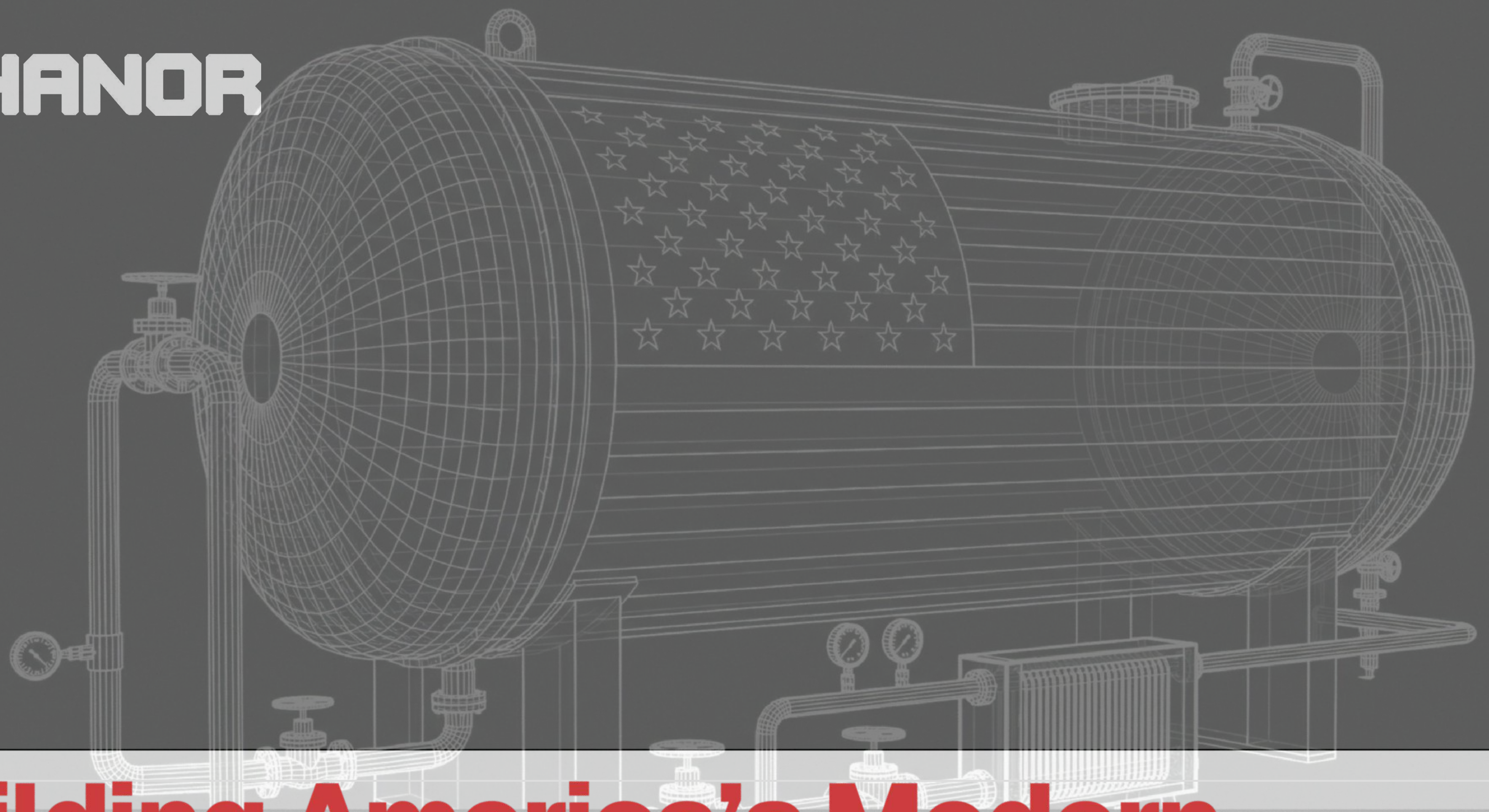


**ATHANOR**



# **Building America's Modern Nitrogen Supply Chain**

**The growth and security of American industry depends on chemicals we no longer make**

**Nitrogen derivatives are used in Pharma, Defense, Food, Materials, Energy, Electronics**

**Key nitrogen derivatives are 100% imported**

**How do you reshore  
nitrogen derivatives  
to USA?**

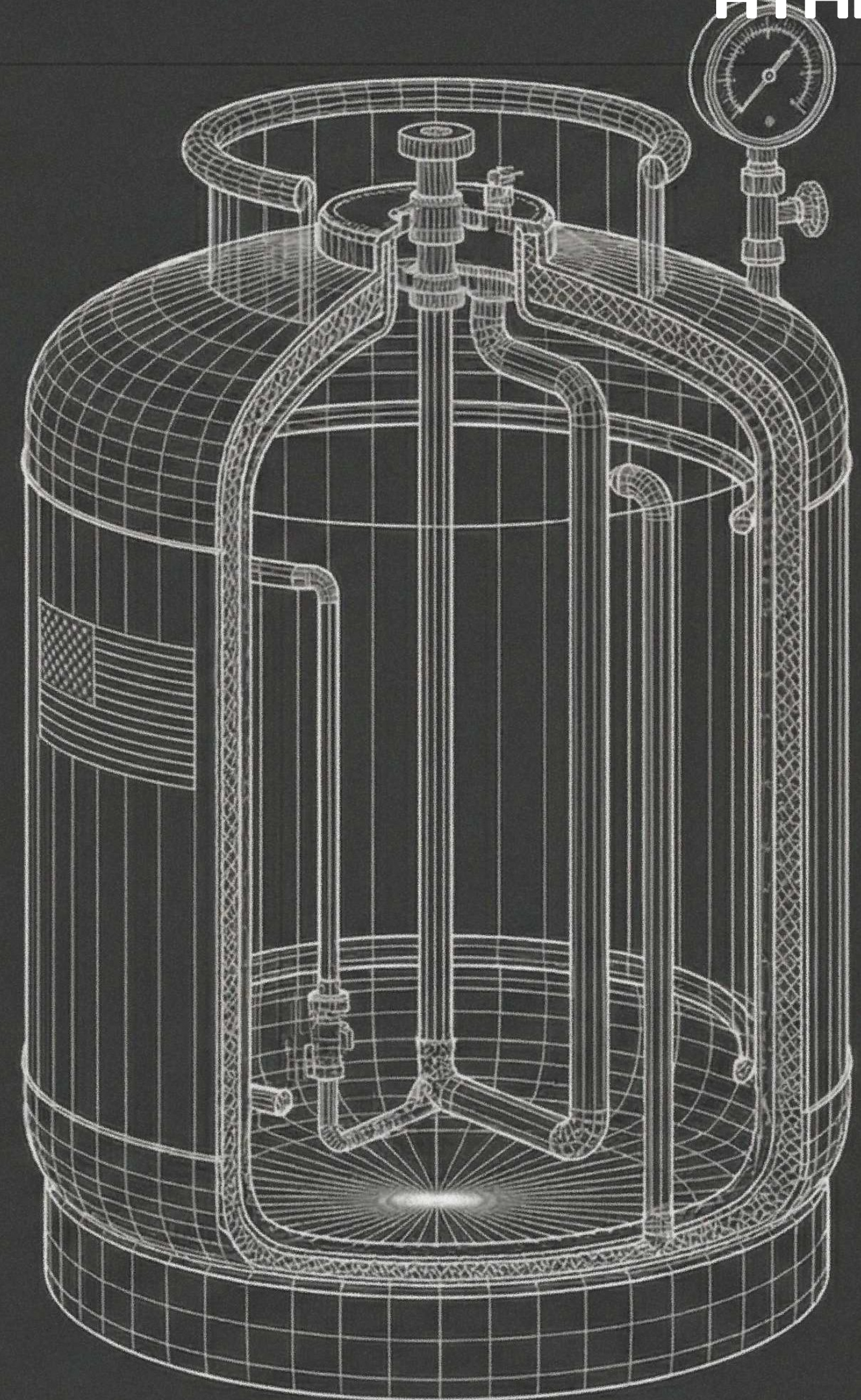
**Cyanamide**

The background of the slide features a light gray wireframe illustration. On the left, there is a molecular structure of cyanamide, represented by three spheres (one larger, two smaller) connected by rods. On the right, there is a mechanical assembly consisting of several interlocking gears of different sizes mounted on a base.

**Cyanamide is a platform molecule on the Critical Chemicals list by the DOW.**

**It's the key precursor for many things, like propellants, munitions, and even Creatine.**

**Reshore the capacity to make cyanamide, and you can re-shore the entire nitrogen supply chain necessary for Defense, Advanced Manufacturing, Pharmaceuticals, Agriculture, and Supplements**



**We can produce Cyanamide with**  
**~80% less electricity**  
**~5x cheaper in fundamental inputs**  
**~higher purity, and higher output**

#### CYANAMIDE COMPARISON

	Industrial Standard	Athantor Process	Our Advantage
Product Grade	Technical/Agricultural (<60% purity)	Analytical/Pharma (~99% purity)	Premium “white” product for high margin sectors
Temperature	Extreme (1000°C+)	Lower (800°C)	5x cheaper in fundamental inputs
Market Access	Fertilizers & steel only	Pharma, energies, specialty chem	Expands TAM into high-value niches
Safety Profile	Contains toxic byproducts	Cyanide-free	Reduced regulatory risk and liability
Nitrogen Efficiency	-20%	-35%	Higher yield per unit input

# Three Phases to American Chemical Sovereignty

Reverse Integration enables each phase. Consumer cash flow funds industrial expansion.

Phase 1  
**Development**  
2026 | Seed Round




Phase 2  
**Owned Production**  
2027-2028 | Series A

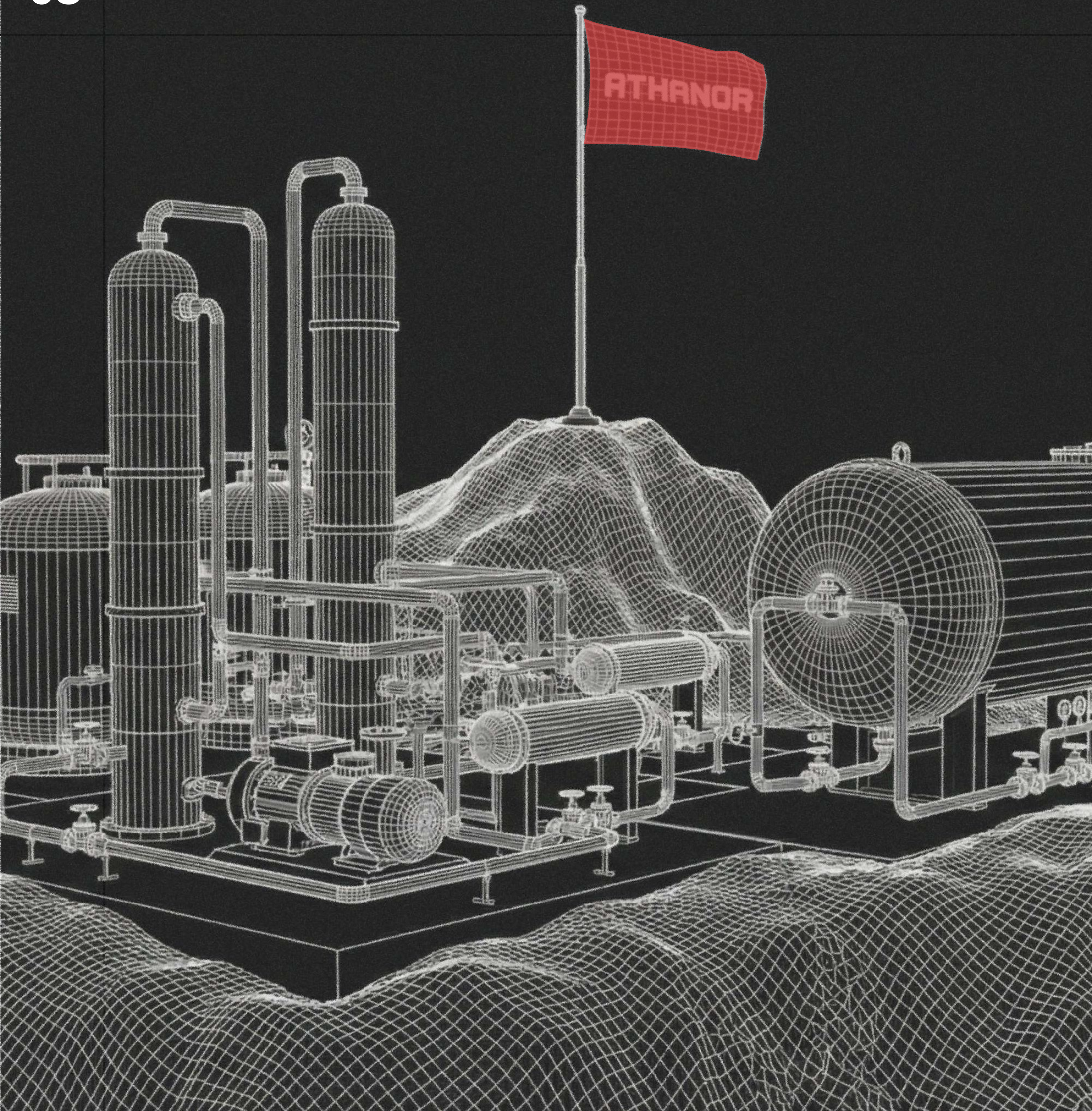
Phase 3  
**Full Sovereignty**  
2029+ | Series B/Growth

- Scale up nitrogen processes
- Prove unit economics + demand
- Outcome: De-risked Series A

- Build Factory
- B2B and DTC expansion
- Process IP moat

- Integrated Supply Chain
- ZERO foreign dependency
- Defense contracts

07	The Team		<b>ATHANOR</b>
	 <p><b>Alexander Cortes</b> Founder</p> <p>Top Global Fitness Influencer with 500M+ annual impressions.</p>	 <p><b>Davin Piercey, Ph.D.</b> Science</p> <p>World leading global nitrogen and energetics researcher.</p>	 <p><b>John Fay</b> Engineering</p> <p>Veteran in pharmaceutical manufacturing systems and industrial-scale facility design.</p>
	<p><b>Key Hires</b></p> <p><b>VP Operations</b> Industrial scale-up authority</p> <p><b>Process Engineer</b> Continuous flow specialist</p> <p><b>Quality &amp; Regulatory</b> FDA/GMP compliance</p>		<p><b>Advisory board (building)</b></p> <ul style="list-style-type: none"> <li>• Chemical manufacturing operations</li> <li>• Defense procurement &amp; contracting</li> <li>• Consumer brand scaling</li> <li>• Supply chain &amp; logistics</li> </ul>



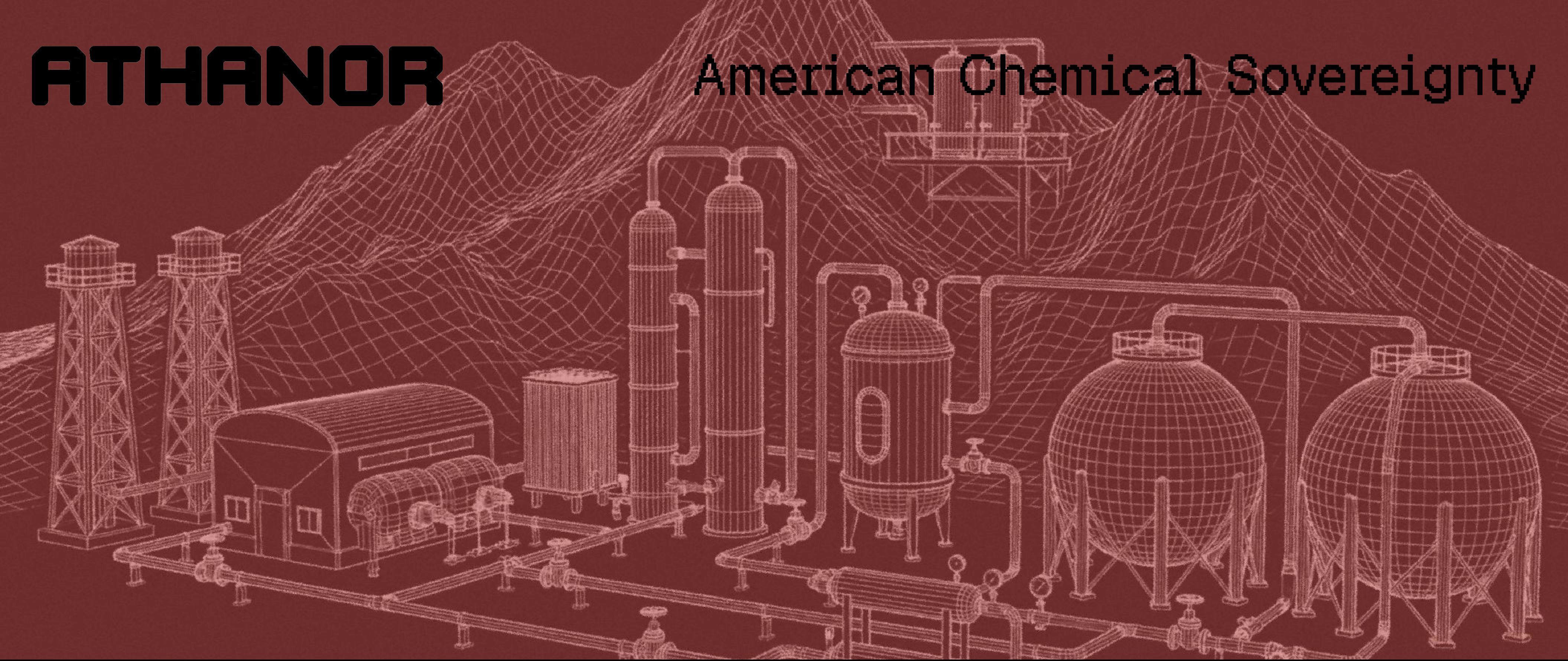
01	R&D & Process Validation	~\$3M
02	Toll Manufacturing Setup	~\$1M
03	Team (CTO, Engineers)	~\$1.5M
04	Regulatory, Legal, WC	~\$0.5M

Timeline: Q1 2026

Target: \$6M

# ATHANOR

## American Chemical Sovereignty



The growth and security of American industry depends on chemicals we no longer make. We're going to change that.

**ALEXANDER CORTES**  
ALEXANDER@ATHANOR.INC

We are Americans next Dual Use Chemical Prime.