



# White Paper VECT.AI

The IntelliGem Protocol





## 1. Executive Summary

VECT.AI introduces the world's first Proof of Intelligence (PoI) blockchain, transforming artificial intelligence outputs into verifiable, tokenized, and tradable units of value.

Through a dual-widget system — Financial Widget and Cognitive Widget — users (retail and corporate) become PoI nodes, contributing computational intelligence and financial data into a unified protocol.

The chain engine, IntelliGem™, anchors intelligence vectors on-chain, distributes rewards, and manages reputational scoring, while IntelliJam™ defines the distributed process by which AI work becomes consensus.

This framework creates a new cryptoeconomic paradigm: consensus secured by useful intelligence rather than wasted energy or locked capital.

## 2. Vision

Our vision is to build the Intelligence Gem, a global cognitive marketplace and consensus layer where every user device — from smartphones to data centers — contributes to the collective intelligence of the network.

In 5 years, VECT.AI aims to evolve from an AI-driven asset manager into the world's first intelligence-based economy, where:

intelligence = security,  
intelligence = value,  
intelligence = reputation.

## 3. Core Components

### 3.1 Financial Widget

- Installed on user wallets (Phantom, Coinbase) or even custodial/banking systems (BNP Paribas, Revolut).
- Captures balances, investment preferences, and horizons (3/15/365/500 days).
- Connects capital to the PoI ecosystem.

### 3.2 Cognitive Widget

- Installed on or connected to AI services (ChatGPT, Gemini, Grok, Perplexity, proprietary LLMs).
- Captures user inputs/outputs, rationales, and confidence scores.
- Feeds intelligence vectors into the network.

### 3.3 IntelliJam™ — The Process

- Defines how intelligence tasks are assigned, executed, verified, and rewarded across nodes.
- Orchestrates cognitive mining, where nodes prove intelligence through real computations.



### 3.4 IntelliGem™ — The Chain Engine

- Anchors vectorized intelligence metadata on-chain.
- Maintains the reputation registry.
- Distributes rewards and penalties via tokenomics.

### 3.5 Node Types

- **Edge Nodes:** smartphones, PCs — micro-inference and validation.
- **Core Nodes:** AI headquarters, data centers — heavy training and optimization.

## 4. Tokenomics & Incentives

**Utility:** staking, governance, access to premium services.

**Rewards:** tokens distributed to nodes based on quality, timeliness, and verifiability of intelligence outputs.

**Penalties:** underperforming or unverifiable outputs → reputation loss, token slashing.

**Dual value:**

- Economic (yield, portfolio optimization).
- Reputational (on-chain intelligence scores).

## 5. Strategic Impact

**For retail users:** passive rewards, optimized portfolio, entry into intelligence mining with just a smartphone.

**For corporates:** transparent AI audit trails, new cognitive markets, integration with traditional finance.

**For the protocol:** a novel consensus mechanism — security and growth proportional to distributed intelligence.



## 6. Roadmap — 5 Years

### 2025 (Q4)

#### PRE-SALE & FOUNDATION

- Launch pre-sale (October).
- Release updated white paper & tokenomics.
- Deploy MVP: AI-driven portfolio management (3d/15d horizons).
- Launch early beta of Financial + Cognitive Widgets.

### 2026

#### ON-CHAIN PROOF LAYER

- Integration of verifiable logs and explainability on-chain.
- Expand support to 10+ wallets and 5+ AI providers.
- First institutional partnerships (fintech, exchanges).
- Begin staking/governance features.

### 2027

#### COMPETITIVE ECOSYSTEM

- AI tournaments: reputation-based ranking for agents.
- Launch “Cognitive Mining Pools” where Edge + Core nodes collaborate.
- Cross-chain interoperability (Ethereum, Solana, Layer2).
- First regulated pilot with banking partners.

### 2028

#### FULL POI PROTOCOL

- Deployment of consensus where PoI fully replaces traditional validation.
- Global marketplace of intelligence vectors tradable on-chain.
- Onboard >10M retail nodes (smartphones) and >100 corporate Core nodes.
- Regulatory compliance framework + insurance layer.

### 2029–2030

#### GLOBAL INTELLIGENCE ECONOMY

- Establish VECT.AI as the Intelligence Standard for decentralized finance and AI auditing.
- Integration with RWA (real-world assets), ESG/Carbon markets, and institutional DeFi.
- Expand into health, IoT, and longevity AI as PoI use cases.
- Continuous upgrade of widgets with privacy-first design and zero-knowledge proofs.

## 7. Governance & Compliance

- Token holders vote on protocol upgrades.
- Reputation-weighted governance gives more influence to proven-intelligence nodes.
- Optional compliance/KYC modules for institutional adoption.

## 8. Intellectual Property & Protection

- **Core algorithms (vectorization, anchoring, consensus rules):** protected under patent filings.
- **Brand & narrative (IntelliJam™, IntelliGem™, Intelligence Gem™):** protected under trademark/copyright.
- **Widgets:** distributed under auditable open-source model, with proprietary secure modules kept closed-source.



## 9. Conclusion

VECT.AI is more than a blockchain — it is the Intelligence Gem, where intelligence itself becomes the new unit of value, consensus, and reputation.

By combining retail accessibility (smartphone nodes) with corporate-grade AI integration, VECT.AI will scale from pre-sale in late 2025 to a global intelligence economy by 2030.



# VECT.AI White Paper Addendum

## INTELLIGEnomics™ & 5-Year Business Plan

### 1. Introduction

VECT.AI introduces a new paradigm: the Intelligence Gem Protocol, powered by the Proof of Intelligence (Pol) consensus. Unlike Proof of Work or Proof of Stake, Pol leverages distributed intelligence — outputs from Artificial Intelligence systems and user-defined financial actions — as the foundation of consensus, reputation, and value creation.

This addendum expands on the INTELLIGEnomics™ model and the accelerated 5-year Business Plan, designed to achieve large-scale adoption within the first 6 months and global institutional integration by 2030.

### 2. INTELLIGEnomics™ — Tokenomics of Intelligence

#### 2.1 Token Supply & Allocation

- **Ticker:** VECT.AI
- **Total Supply:** 1,000,000,000 (fixed, non-inflationary)
- **Decimals:** 9

Allocation:

- Foundation & Ecosystem Growth → 25%
- R&D + IP/Patent Protection → 15%
- Team & Advisors (vesting 4 years) → 15%
- Pre-Sale & Early Rounds → 20%
- Liquidity & Exchange Listings → 10%
- Staking & Pol Mining Rewards → 15%

#### 2.2 Dual-Value Mechanism

##### 1. Economic Layer

- Rewards for contributing intelligence through Financial & Cognitive Widgets.
- Rewards based on:
  - Accuracy and verifiability of outputs.
  - Risk profile adherence (short-term, mid-term, long-term horizons).
  - Speed and efficiency of contribution.



## 2. Reputational Layer (IntelliScore™):

- Each node receives a dynamic reputation score.
- Governance power is proportional to IntelliScore™.
- High reputation yields bonus multipliers on rewards.

### 2.3 Utility of VECT.AI Token

- **Staking:** Access premium features, higher governance weight.
- **Governance:** Reputation-weighted voting (IntelliScore™-based).
- **Payments:** For API usage, enterprise connectors, Pol services.
- **Collateral:** Core nodes must lock tokens to operate.
- **Rewards:** Earned through Pol participation and widget activity.

### 2.4 Emission & Burn Mechanism

- Emission follows a decreasing schedule over 10 years.
- Dynamic Burn: low-quality outputs = partial token burn.
- Buyback & Burn: treasury uses revenue surpluses for supply reduction.

## 3. Business Plan — 5 Years

### PHASE 1

Q4 2025 – Q2 2026

#### FOUNDATION & PRE-SALE

Goal: Build rapid momentum by reaching critical adoption

- Pre-sale & Early Rounds (Oct–Dec 2025): Target \$10–15M.
- MVP release: Financial Widget (wallets/banks) + Cognitive Widget (AI connectors).
- Pol Proof Layer (alpha): launched with live validation.
- Wallet Integration: 10+ providers (Phantom, Coinbase, Revolut, BNP Paribas sandbox).
- AI Integration: 5+ providers (ChatGPT, Gemini, Grok, Perplexity, Mistral open).
- Nodes Onboarded: 250,000 Edge nodes + 25 Core nodes.
- Exchange Listings: 1 DEX + 1 mid-tier CEX.

#### FINANCIALS

- **Revenue:** \$30M (token sale, pilot fees).
- **Expenses:** \$18M (R&D, infra, legal, patents, marketing).
- **Net:** \$12M.

#### KPIS:

- 250k active users.
- 10 institutional partnerships signed.
- Pol alpha producing first IntelliGem Hashes.



## PHASE 2

Q3 – Q4 2026

## COMPETITIVE ECOSYSTEM

Goal: Reach critical mass within 12 months.

- Launch IntelliScore™ dashboard for reputation tracking.
- Deploy Cognitive Mining Pools → Edge + Core node collaboration.
- Start AI Tournaments for ranking and benchmarking AI models.
- Nodes: 1M Edge + 100 Core.
- First Tier-1 exchange listing.
- Partnerships with 2–3 major European banks + 2 AI companies.

## FINANCIALS

- **Revenue:** \$120M
- **Expenses:** \$60M
- **Net:** \$60M

## KPIS:

- 1M active users.
- \$100M TVL (Total Value Locked).
- Full beta of Pol consensus.

## PHASE 3

2027

## INSTITUTIONAL EXPANSION

Goal: Become the AI + Finance Layer for institutions.

- Full Pol consensus layer (stable release).
- Institutional pilots with hedge funds, banks, big tech AI.
- Intelligence Vectors tradable on-chain as assets.
- Nodes: 5M Edge + 500 Core.

## FINANCIALS

- **Revenue:** \$500M
- **Expenses:** \$200M
- **Net:** \$300M

## KPIS:

- 5M active users.
- 100 enterprise clients.

## PHASE 4

2028 - 2029

## FULL INTELLIGENCE ECONOMY

Goal: Scale globally & expand into new sectors.

- 15M+ nodes, 1,500+ Core nodes.
- Integration with RWA (real-world assets), ESG/Carbon Credits, Longevity AI, IoT.
- Regulatory compliance in EU, US, MENA, Asia.
- Recognition of IntelliJam™ as industry consensus standard.

## FINANCIALS

- **Revenue:** \$1.2B
- **Expenses:** \$500M
- **Net:** \$700M

## KPIS:

- \$5B market cap.
- 1,500+ institutional partners.
- First government partnerships.





## PHASE 5

2030

## GLOBAL STANDARD

Goal: Establish IntelliGem Hash as the global intelligence ledger.

- Partnerships with governments, UN, IMF, WHO.
- Expansion beyond finance into health, energy, supply chain.
- VECT.AI becomes the intelligence backbone of Web3 & AI economy.

## FINANCIALS

- **Revenue:** \$3–4B
- **Expenses:** \$1.5B
- **Net:** \$2–2.5B

## KPIs:

- \$20B+ TVL.
- Global regulatory adoption.

## 4. Strategic Positioning

**Retail:** smartphone = mining device for cognitive contribution.

**Corporate:** enterprises monetize AI outputs safely and transparently.

**Institutional:** banks, funds, and governments use Pol for AI governance, auditing, and risk.

## 5. Intellectual Property

- **IntelliJam™:** process patent.
- **IntelliGem™:** hash and anchoring mechanism.
- **Dual-Widget Architecture:** protected as software invention.
- Copyright + trademarks filed Q4 2025, patents provisional Q1 2026.

## 6. Conclusion

VECT.AI's INTELLIGEnomics™ model establishes intelligence as the new unit of consensus, reputation, and value. With accelerated milestones in the first 6 months and a global roadmap through 2030, VECT.AI positions itself as the Intelligence Standard of the decentralized world.

