



# VELA

## ◆ AI-Powered Omnichain Infrastructure for RWA Circulation

*Investor-Real Asset Yield Symbiosis Network*

*AI-driven RWA full-chain circulation infrastructure*

*A symbiotic network of investors and physical assets*



01

# Project Overview

AI-Powered Omnichain Infrastructure for  
RWA Circulation



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V E L A

B U S I N E S S

P L A N

## Project Overview

# AI-Powered Omnichain Infrastructure for RWA Circulation Investor-Real Asset Yield Symbiosis Network

Key Innovations		AI Dynamic Risk Assessment Framework, Modular Compliance Smart Contracts, Token Holder Crowdfunding Market-Making Model.
Vision		Build a global super-network for seamless circulation between real-world assets (RWA) and DeFi.
Mission		Unlock free flow of real-world assets and enable shared prosperity for all participants
SLOGAN		Chains Interconnected, Assets Symbiotic

AI-driven RWA full-chain circulation infrastructure

A symbiotic network of investors and physical assets



02

# Real Assets

The Divide and the On-Chain World



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## The Divide Between Real Assets and the On-Chain World

### ► (A) Traditional Finance's "Three Shackles"

The centralized structure of traditional finance creates three systemic contradictions:

Shackle Type	Core Issue	Outcome
Liquidity Lockdown	High asset verification costs, transaction friction	High-value assets remain "frozen" long-term
Circulation Inefficiency	Cross-border settlements rely on intermediaries	SMEs struggle to access global markets
High Entry Barriers	Institutional monopoly on investment channels	Capital-asset mismatch intensifies

## The Divide Between Real Assets and the On-Chain World

### ► DeFi's "Illusory Prosperity"

Decentralized finance remains trapped in an "internal cycle," exposing three risks:

DeFi Reality	Root Issue	Result
Lack of Value Anchors	Liquidity mining relies on inflation	Short-term speculation > long-term holding
Unsustainable Incentives	Liquidity mining relies on inflation	Annual user attrition rate >65%
Liquidity Death Spiral	Thin markets trigger high slippage	Capital flight accelerates liquidity drain

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**Risk Pathway** | Speculative bubbles → Price volatility → Slippage losses → User exit → Liquidity collapse  
→ Value erosion

## The Divide Between Real Assets and the On-Chain World

### ► RWA Tokenization: The Ideal-Reality Gap

RWA Scaling Barriers	Root Cause	Vela Solution
Compliance Costs	Multi-jurisdictional regulatory conflicts	AI-Powered Smart Compliance Engine
Interoperability Hurdles	Fragmented token standards	Cross-Chain Bridging + Compatibility Protocol
Liquidity Activation	Centralized reliance on market makers	Community Crowdfunding Market-Making Model

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#### Vela Liquidity Pathway |

AI-curated quality assets → cross-chain tokenization → community-staked liquidity → dynamic algorithmic aggregation → global market circulation



03

# Breakthrough Path

Closed-Loop RWA Infrastructure



CLOSED-LOOP RWA INFRASTRUCTURE

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## Project introduction

Vela is the world's first  
AI-driven RWA service platform

Dedicated to reinventing the entire lifecycle of asset discovery, on-chain tokenization, circulation, and value capture through artificial intelligence. It builds a super-ecosystem bridging real-world assets (RWA) with decentralized finance (DeFi)

[ AI Curation Engine ]



[ Compliant Tokenization ]



[ Community Crowdfunding  
Market-Making ]



[ Yield Reinvestment ]



[ Cross-Market Circulation ]



## Project introduction

By integrating a proprietary **AI curation engine, compliant tokenization framework, and community-driven liquidity model**, Vela systematically addresses inefficiencies in traditional finance and the scarcity of high-quality assets in crypto markets, unlocking trillions in real-world asset value on-chain

Through an innovative **tokenomics design**, Vela pioneers the "**Token Holder Crowdfunding Market-Making**" model, empowering token holders to become core liquidity providers for RWA markets. This ensures end-to-end liquidity from tokenized issuance to secondary market trading

By lowering asset issuance barriers, activating individual participation in market-making, and democratizing yields, **Vela establishes a new AI-secured, community-driven, compliance-anchored RWA financial paradigm**, positioning itself as the central hub for Web3-real economy symbiosis

## Workflow

### AI Curation Engine

AI-powered screening of high-potential real-world assets, scoring based on market performance and industry prospects.



### Compliant Tokenization

Regulatory-compliant token issuance framework to ensure legal adherence and mitigate asset risks.



### Community Crowdfunding

Incentivizes token holders to contribute liquidity, enhancing asset market depth and activity.



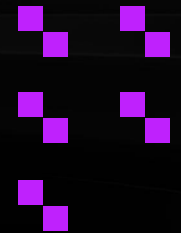
### Cross-Market Circulation

Enables seamless interoperability between Vela's ecosystem and external blockchain platforms for frictionless asset transfers.



### Yield Reinvestment

Redirects participant earnings into ecosystem development, fostering community engagement and sustainable growth.



## Innovative Value

### ▶ AI Curation Advantage

AI-driven asset discovery solves inefficiencies in traditional finance.

### ▶ Regulatory Innovation

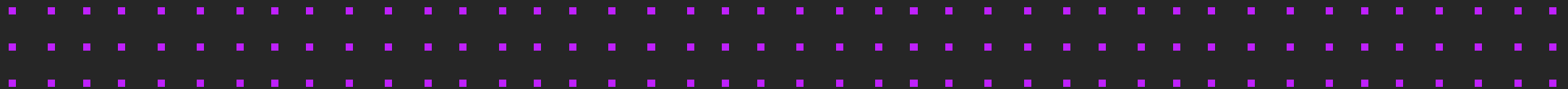
Framework-based compliant tokenization boosts market trust.

### ▶ Democratic Liquidity

Community-driven market-making ensures fair profit distribution.

### ▶ Closed-Loop Ecosystem

End-to-end value cycle: asset discovery  
→ circulation → yield reinvestment.



## Innovative Value

Asset-side cost  
efficiency



Liquidity pool  
expansion



Diversified  
investor returns



Ecosystem token  
appreciation



Reinvestment in  
asset issuance



### For Asset Issuers

Global investor access, lower issuance costs, and liquidity premiums for non-standard assets



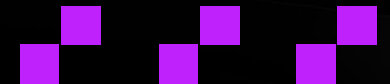
### For Investors

Fractionalized entry points for retail participation in high-value asset classes and diversified yield streams



### For the Industry

Standardized RWA circulation framework bridging TradFi and DeFi rulesets



## Incubator

Vela AI Technology Pte. Ltd., a Singapore-registered fintech leader, drives deep integration of AI and blockchain to pioneer solutions for RWA-DeFi convergence.

As Vela's incubator, it assembles global experts in financial engineering, quantitative trading, and compliance to deliver end-to-end RWA tokenization services—covering on-chain asset integration, liquidity provisioning, and risk management—for traditional institutions, asset managers, and crypto-native projects.



# Core Team



John  
Carter

| Co-Founder & CEO

Digital Asset Securitization Expert

Former head of digital assets at a top-tier financial institution, leading multiple RWA tokenization projects

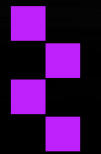


Sarah  
Müller

| Chief Legal Officer  
(CLO)

Regulatory Tech Architect

Former fintech practice lead at a multinational law firm, advising blockchain legislation for 10+ national regulators



Dr.  
Emily  
Zhang

| Co-Founder & CTO

Blockchain Infrastructure  
Architect

Stanford CS Ph.D., designer of core consensus algorithms for leading blockchain protocols



Michael  
Sato

| Chief Quantitative  
Officer

Crypto Financial Engineering  
Expert

Achieved 21.3% annualized returns on cross-market arbitrage strategies; managed crypto portfolios peaking at \$1.2B



04

# Technical Architecture

Ten thousand chains are interconnected,  
ten thousand assets coexist



TECHNICAL ARCHITECTURE

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# Technical Architecture

Vela’s full-stack architecture integrates three core modules—AI Asset Curation Engine, Compliance-First Tokenization Framework, and Community-Driven Liquidity Network—to cover asset discovery, compliant issuance, and liquidity enhancement.

Module	Core Function	Key Technical Components	Problems Solved
AI Asset Curation Engine	Filters high-quality real-world assets	NLP, Time-Series Models, Knowledge Graphs, Vela Score	Information silos, inefficient due diligence, unreliable asset quality
Compliance-First Tokenization	Compliant on-chain asset issuance	ERC-3643/1400 Standards, On-Chain KYC/AML, Custody Layering	Legal risks, regulatory gaps, asset security vulnerabilities
Liquidity Enhancement Network	Boosts RWA token liquidity	AI Dynamic Market-Making, Staking Crowdfunding, Cross-Chain Protocols	Fragmented liquidity, high market-making costs, shallow order books



# AI Asset Curation Engine

Screening Dimension	Traditional Due Diligence	Vela AI Engine	Efficiency Gain
Data Sources	Manual collection	Multi-modal data crawling	90%+ coverage boost
Risk Assessment	Subjective judgment	NLP legal parsing + Time-series forecasting	40% accuracy gain
Processing Speed	2-4 weeks per project	Real-time dynamic scoring	99% time reduction

## Multi-Modal Data Integration

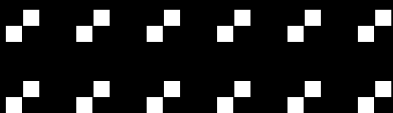
Aggregates corporate filings, supply chain records, government data, and news sentiment into a global real-asset database, eliminating manual due diligence bottlenecks.

## Smart Evaluation Models

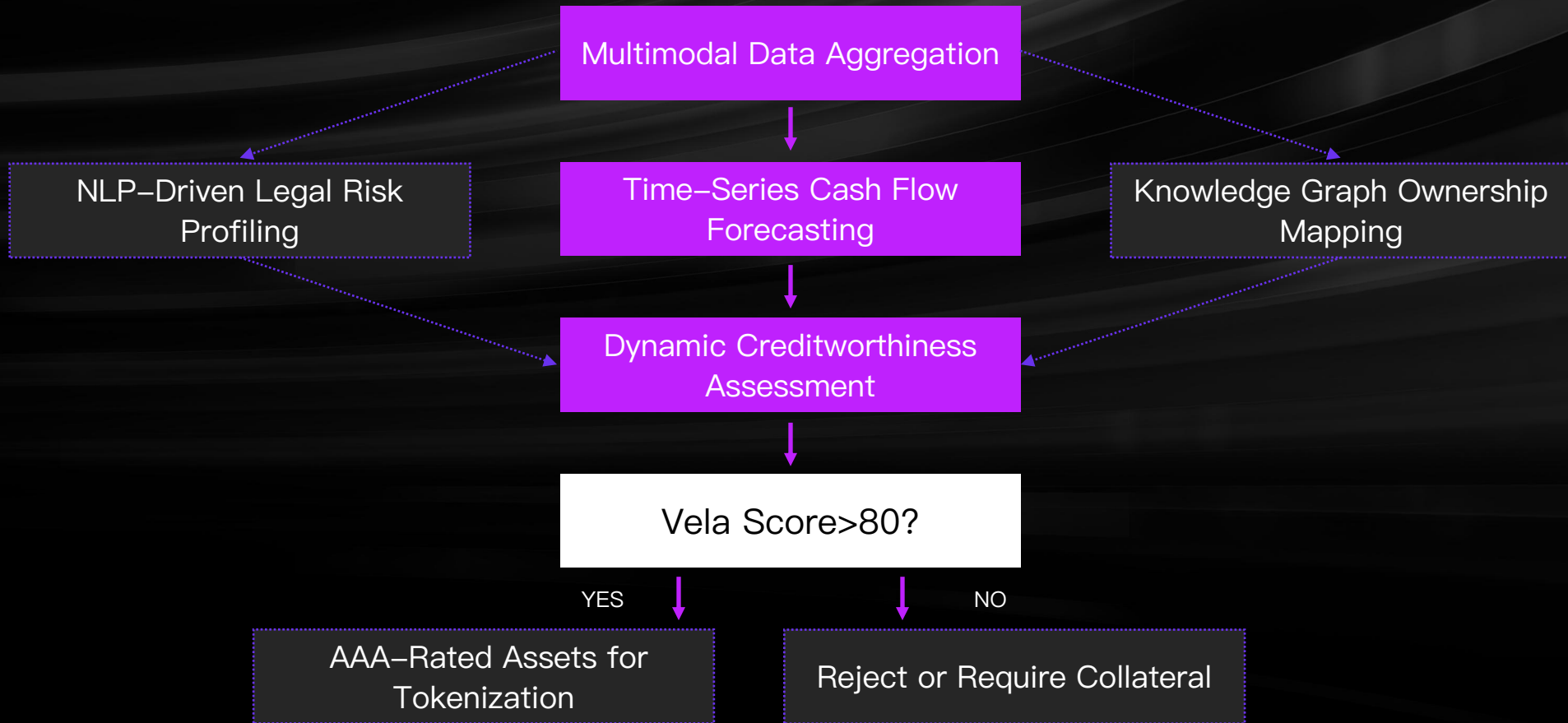
NLP analyzes legal risks in contracts. Time-Series Models predict cash flow stability. Knowledge Graphs map asset ownership hierarchies. Outputs low-volatility, high-transparency assets with strong cash flows.

## Dynamic Credit Scoring

Generates Vela Score (0-100) to quantify asset tokenization priority. Only AAA-rated assets (Score ≥80) enter issuance pipelines, ensuring baseline quality.



## AI Asset Curation Engine



## Compliance–First Tokenization

Functional Module	Technical Implementation	Compliance Assurance
Standardized Token Framework	ERC–3643/3525 programmable asset protocols	Auto–alignment with jurisdictional requirements
On–Chain Identity Verification	zk–SNARKs–based KYC validation	Privacy–preserving AML compliance
Asset Custody Model	On–chain smart contract custody (low–risk) / Licensed off–chain custody (high–risk)	Dual audits + real–time reserve attestations

### Standardized Tokenization

Modular token standards (ERC–3643/1400 compatible) support equity, debt, and revenue rights structures, enabling jurisdiction–specific compliant issuance.

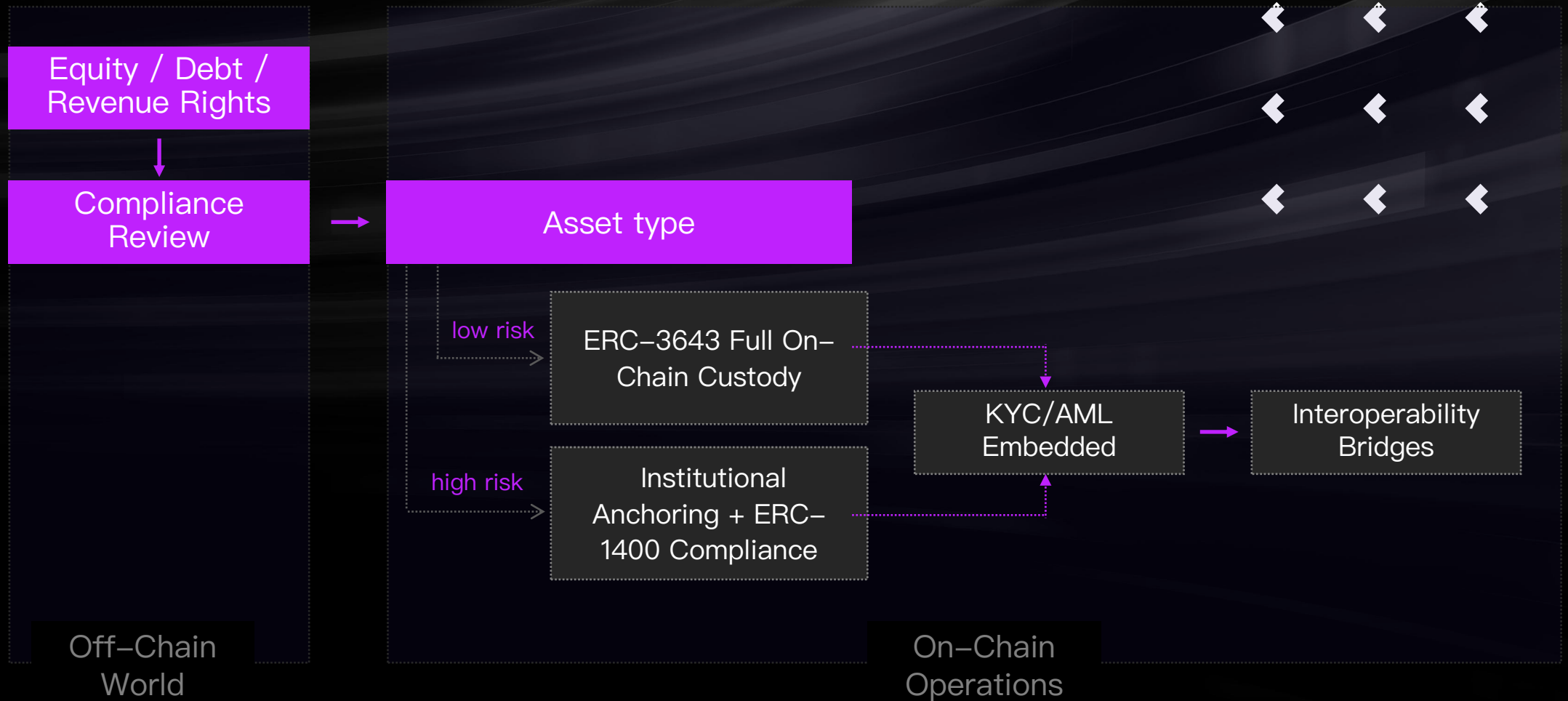
### Embedded Compliance

On–chain KYC/AML verification. Transaction whitelisting/blacklisting. Real–time audit trail immutability.

### Asset Segregation & Custody

Low–risk assets: Fully on–chain smart contract custody. High–risk assets: Licensed off–chain custody with real–time attestations.

## Compliance-First Tokenization






## Liquidity Enhancement Network

Market-Making Model	Traditional MMs	Vela CLMM Model	Advantages
Participants	Institutional specialists	Token holders + algorithms	Decentralized liquidity sourcing
Capital Efficiency	Isolated capital pools	Cross-pool risk hedging algorithms	200%+ utilization gain
Profit Distribution	Institutional spreads	Staking-based democratic splits	Retail participants' share >60%
Anti-Fragility	Centralized risk controls	Over-collateralized insurance + On-chain circuit breakers	70% systemic risk reduction





## ❖ AI-Powered Market-Making

Optimizes bid-ask spreads and trade volumes via dynamic algorithms, resolving liquidity droughts for long-tail assets.

## ❖ Token Holder Crowdfunding

Users stake tokens to become liquidity nodes, sharing yields proportionally—“retail capital, institutional-grade liquidity.”

## ❖ Cross-Chain Liquidity

Aggregation Interoperability protocols enable seamless RWA token flow across compliant exchanges and DEXs.

## Value Flywheel

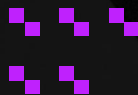
- ▶ RWA Asset Growth
- ▶ Trading Volume Surge
- ▶ Market-Making Yield Increase
- ▶ More VELA Staking
- ▶ Liquidity Boost
- ▶ Ttract New Asset Issuance



05

# I Tokenomics

Ten thousand chains are interconnected,  
ten thousand assets coexist



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## Tokenomics

Token Name: VELA  
Total Supply: 1 billion

### Token Utility

Ecosystem Value  
Medium

Liquidity Staking  
Credential

Governance &  
Voting Rights

### Model Advantages

**For RWA Issuers:** Eliminates need for in-house market-making teams; VELA liquidity pools offer plug-and-play depth.

**For Holders:** Democratizes market-making participation (minimum 100 USD stake).

**For Ecosystem:** VELA staking pools become cross-chain liquidity hubs, capturing multi-chain transaction value.

### Allocation

90%

Burn Mining 10-year linear release, dynamically adjusted with network growth

4%

Foundation Reserve 2-year lockup, linear release

1%

Exchange Liquidity Immediate circulation

2%

Market Stabilization Reserved for extreme volatility interventions

3%

Private Sale & Ops 6-month lockup, 12-month linear release

06

# Revenue Model

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## Profit model

### ❖ Issuer–Side Revenue (B2B)

On–Chain Tokenization Fee

Charged to RWA issuers for asset digitization.

Asset Management Fee

Annual fee (% of on–chain asset yields).

Data API Subscription

Tiered pricing for real–time RWA asset data feeds.

### ❖ Transaction–Side Revenue (B2C + C2C)

Transaction Fees

0.15%–0.3% fee on RWA token trades.

Liquidity Premium Capture

Algorithmic market–making captures bid–ask spreads.

Cross–Chain Bridging Fees

Fixed Gas + variable fees for cross–chain transfers.

### ❖ Asset Management Revenue (Value–Added Services)

AI Strategy Subscriptions:

Revenue share from quant arbitrage & auto–compounding strategy profits.

Staking Yield Commission:

10%–15% fee on earnings from RWA asset staking.

Index Fund Custody Fees:

Management fees for ETF–like tokens (e.g., "Global Real Estate Index").



07

# Early Ecosystem Growth Drivers

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# V-POOL — Decentralized RWA Liquidity Amplifier

V-POOL is Vela's decentralized liquidity protocol tailored for RWA tokens. By combining community-driven liquidity with AI-powered market-making, it aggregates retail capital into institutional-grade liquidity, improving RWA trading depth, reducing slippage, and enabling seamless global asset circulation.

Users can participate in market-making with no minimum capital requirements, democratizing DeFi-level liquidity access



## ► Ecosystem Value Proposition

### AI-Powered Market-Making:

Vela's AI engine dynamically allocates capital to optimize spreads and utilization.

### Cross-Chain Aggregation:

Multi-chain interoperability protocols enable RWA circulation across leading DeFi ecosystems.

### Profit Sharing:

Participants earn yields proportional to their liquidity contributions, aligning incentives with ecosystem growth.

# V-Earn — AI-Driven Yield Optimization Engine

V-Earn is Vela's smart yield aggregator, offering stable yields + quant arbitrage + automated investing strategies powered by AI.

It maximizes returns for long-term holders and active traders alike through a unified yield-optimization platform.

## ► Ecosystem Value Proposition

### Smart Yield Strategies:

Combines RWA fixed-income, cross-market arbitrage, and volatility mining for personalized portfolios.

### AI-Driven Investing:

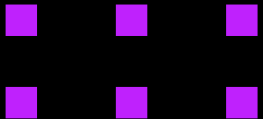
Machine learning adjusts strategies in real-time to mitigate risks and enhance returns.

### Data Feedback Loop:

User behavior and yield preferences refine Vela's AI models, creating iterative strategy improvements.

### Ecosystem Synergy:

Seamlessly reinvest V-POOL earnings into V-Earn for compounded growth.



# Vbot — Mobile Gateway & User Acquisition Engine

Vbot is the world's first mobile-first AI trading platform focused on MEME coins, prioritizing simplified UX × smart strategies × secure framework.

While Vela targets RWA and institutional markets, Vbot captures retail demand for MEME trading, driving institution-retail dual-engine growth.

## ► Ecosystem Value Proposition

### User Expansion:

Attracts native MEME communities to boost liquidity for Vela's RWA assets.

### Data Enrichment:

MEME trading data trains AI risk models, enhancing predictive accuracy.

### Ecosystem Synergy:

One-click transfers of MEME profits into Vela staking pools balance speculation with value investing.

# Development Roadmap

## ▶ Launch Phase:

Validate Technical Feasibility & Establish Flagship Use Case

- Deploy beta version of AI Asset Curation Engine
- Complete testing for AI market-making engine and token holder crowdfunding model
- Launch V-POOL (decentralized RWA liquidity amplifier)
- Close private sale, activate token burn and staking mechanisms, initiate 15-day pre-mining period, and list on DEXs

## ▶ Expansion Phase:

Mainnet Launch & Multi-Asset Scaling

- Roll out Compliance-First Tokenization Framework for regulatory adherence
- Enable issuance of 5 RWA asset classes: equity/debt/real estate/commodities/royalty streams
- Release V-Earn AI-powered quant trading system
- Officially launch Vbot mobile AI trading platform
- Integrate liquidity from top-tier exchanges

# Development Roadmap

## ▶ Globalization Phase:

### Enable Worldwide Asset Circulation

- Continuously source global high-quality assets via Vela AI
- Establish asset issuance partnerships with global institutions
- Build a global user network through community-driven campaigns

## ▶ Maturity Phase:

### Become Web3–Real Economy Fusion Infrastructure

- Develop industry-leading cross-chain interoperability network
- Achieve global liquidity coverage for all supported assets
- Drive total ecosystem assets above \$50 billion



# THANKS

✦ AI-Powered Omnichain Infrastructure  
for RWA Circulation

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