

Momentum Whitepaper

Vision

Make all assets tradable, for everyone, everywhere.

Overview

Momentum is the operating system powering the next era of global finance, where crypto assets and real world assets are traded seamlessly on one platform.

To achieve this vision, Momentum delivers in three phases:

- **Trade sui-native assets**

Momentum begins by building the liquidity and infrastructure layer for the Sui ecosystem. Core products like **Momentum DEX**, **xSUI** (liquid staking), and **MSafe** (treasury management and token vesting) provide the foundation for Sui-native assets to trade, stake, and earn efficiently. This establishes Momentum as the central liquidity engine for Sui.

- **Expand to cross-chain crypto assets**

Once the Sui ecosystem is deeply integrated, Momentum extends its infrastructure to support assets from other blockchains. **With Wormhole's universal messaging layer**, Momentum DEX can seamlessly list and trade cross-chain tokens, while MSafe and treasury tools manage multi-chain liquidity. This phase offers Momentum users the most diversified crypto assets to trade and earn in one single platform.

- **Unlock tokenized real-world assets (RWAs)**

The final phase is to integrate **trillion-dollar classes of real-world assets** including securities, commodities, real estate, and intellectual property into Momentum's onchain marketplace. By combining DeFi-native liquidity, compliant infrastructure, and governance tools, Momentum enables these traditionally siloed

assets to become composable with crypto markets, opening a unified global trading layer where any asset can move freely.

Momentum provides the building blocks to power the next era of global finance onchain. Built on Sui's high-performance execution environment, integrated with Wormhole's universal messaging layer, and governed by vote-escrow (ve) incentives, Momentum is designed to accelerate the onboarding of the next billion users into crypto while driving the first major wave of institutional adoption in the tokenized economy.

The operating system for next era of global finance

Momentum is building the financial operating system of the tokenised world. A suite of products that provide deep liquidity, best trading experience for all users.

MSafe: Secure Treasury Infrastructure

MSafe is Momentum's institutional-grade multi-sig wallet solution for Move-based chains, purpose-built to manage treasuries, token vesting, and on-chain execution with flexible approval flows. It has been instrumental in bootstrapping the MOVE ecosystem.

- **Treasury Management:** Safeguards the treasuries of leading protocols across Sui, Aptos, Movement, and IOTA with configurable multi-sig protections.
- **Token Vesting:** Enables teams and investors to securely lock, schedule, and release tokens through transparent, on-chain smart contracts.
- **dApp Store:** Offers secure integrations with DeFi protocols via a smart contract-based App Store, ensuring DAOs and teams can interact safely with multi-sig protection.

Trusted by top protocols across the Move ecosystem, MSafe is the security backbone for governance and capital management, live on Sui, Aptos, Movement, and IOTA.

Momentum DEX: The Central Liquidity Engine of Move Ecosystems

Momentum DEX is the flagship product of the ecosystem, a concentrated liquidity market maker (CLMM) decentralized exchange built on Uniswap v3-style architecture. Since launching its Beta on March 31, 2025, Momentum DEX has (as of Oct 25, 2025):

- Onboarded **1.68M+ unique swap users** and **1.42M+ liquidity providers**
- Reached **\$600M+ TVL**
- Processed **\$25B+ cumulative trading volume**

Unlike traditional AMMs where liquidity is passively spread across the full price curve, CLMMs allow liquidity providers to allocate capital within targeted price ranges. This creates tighter spreads, deeper liquidity where trading actually occurs, and far less slippage for traders. The result is a trading experience that rivals centralized exchanges while preserving the transparency, security, and composability of DeFi.

Momentum DEX is purpose built to be friendly for **retail users** while also meeting the complex needs of **institutions**:

- *Retail users*: a clean, intuitive interface with simple swap flows, low fees, and integrated guides making DeFi trading approachable without sacrificing flexibility.
- *Institutional users*: advanced execution tools, deep liquidity, transparent pricing, and secure self-custody enable reliable access to Sui's markets without counterparty risk.

- *For both:* cross-chain support via Wormhole ensures a seamless experience for assets moving across ecosystems.

Momentum DEX also benefits from Sui's **Programmable Transaction Blocks (PTB)**, which make complex DEX actions first-class, atomic, and cheaper without relying on bulky router contracts. Traders can bundle many steps into a single atomic action e.g., *swap* → *add liquidity* → *stake LP* → *claim rewards*, so it's one click, one signature, and either everything succeeds or nothing does. Because batching is built into the chain, users avoid extra approvals and calls, resulting in **lower fees, fewer risks from allowances, and a cleaner UX**.

Finally, Sui's **object-centric, parallel execution** ensures independent pools update simultaneously, meaning activity in one doesn't slow down another. This delivers **higher throughput, faster finality, and a narrower MEV/sandwich window**, giving both retail and institutional users efficient, reliable, and secure trading.

By combining CLMM architecture, PTB, and Sui's high-performance execution environment, Momentum DEX delivers **capital efficiency, user-friendly design, and institutional-grade infrastructure**, positioning itself as the liquidity engine powering the future of tokenized markets.

xSUI: Capital-Efficient Liquid Staking

With xSUI's liquid staking infrastructure, users can stake their SUI to validators on the Sui Network with a single transaction to earn consensus rewards, while keeping their liquidity active for DeFi use cases. This allows all users to benefit from the blockchain validation process without the need to run or maintain a validator themselves. By simply staking through the xSUI smart contract, users contribute to the security and decentralization of the Sui Network. In return, they receive **xSUI**, a liquid staking token that acts as a receipt for their

staked SUI and can be freely used across DeFi protocols to unlock additional yield.

xSUI allows users to:

- Earn native staking yield while retaining liquidity and access to their capital
- Deploy xSUI across DeFi protocols for lending markets, liquidity provisioning, or as collateral in financial products
- Layer multiple yield streams, including swap fees, liquidity incentives, and ecosystem points
- Benefit from decentralization and validator diversity while staying fully liquid

Why xSUI Matters for Sui DeFi

xSUI transforms staked SUI into a productive, yield-bearing primitive that can move seamlessly across DeFi. Instead of being locked and idle, staked SUI becomes a composable asset that powers trading, lending, and liquidity provisioning. This unlocks higher capital efficiency for users and deeper liquidity for the ecosystem as a whole.

Its integration with Momentum DEX creates strong synergies: xSUI brings yield-bearing liquidity into the exchange, while Momentum DEX expands its utility across swaps, incentives, and composable DeFi markets. Every liquidity provider that holds xSUI earns Sui staking rewards compared to holding SUI, making it the more capital-efficient choice. As adoption grows, more SUI is staked through xSUI, strengthening the security of the Sui Network and driving deeper liquidity across the ecosystem.

As adoption scales, xSUI is positioned to be a cornerstone of the Sui DeFi landscape, merging native staking with flexible yield opportunities. By combining security, liquidity, and composability, xSUI empowers users and protocols alike to maximize capital efficiency and drive sustainable growth in the Sui ecosystem.

Why Liquid Staking?

The Sui Network relies on delegated proof-of-stake (DPoS), where tokens are staked with validators to keep the blockchain secure and decentralized. For most users, running a validator directly isn't realistic due to the technical and resource requirements. Liquid staking simplifies this process by letting users delegate SUI through a smart contract, automatically earning staking rewards while receiving a liquid token such as xSUI in return. Rather than having capital sit idle, xSUI can be put to work across DeFi, whether for trading, lending, or liquidity provisioning while still contributing to network security. This unlocks the best of both worlds: users help secure the chain and earn staking rewards, while also gaining additional yield opportunities and greater capital efficiency.

Token Generation Lab: Bluechip Launchpad

The **Token Generation Lab (TGL)** is Momentum's launchpad built for bluechip projects, designed to support high-quality teams with strategic backing, deep liquidity, and sustainable token distribution. TGL brings together the most important players in the ecosystem including the Sui Foundation, top-tier investors, market makers, centralized exchanges, and bluechip protocols to ensure every project has the foundations for long-term success from day one.

TGL creates alignment across these stakeholders to streamline the entire launch process. Instead of lengthy negotiations and back-and-forth approvals, TGL provides a direct channel to all the critical partners a project needs, accelerating time-to-market and reducing execution risk.

To further align incentives, part of TGL's fees are distributed back to over **150,000+ active Momentum ecosystem participants** including referrers of Momentum DEX and holders of Momentum's various NFTs. This structure not only satisfies crypto market sentiment for broad

token distribution, but also guarantees that projects immediately reach a large, high-quality base of engaged token holders.

What Makes TGL Different

Unlike traditional launchpads that often extract value from projects, TGL is designed to give value back:

- No upfront stablecoin fees.
- No dumping of project tokens.
- Launchpad token fees are locked for 12 months to provide deep liquidity.
- Distribution goes to aligned, long-term holders, with over 150,000 unique token holders in the ecosystem.

Beyond token launches, the TGL serves as a **strategic funnel into Momentum DEX**. Every project launched through TGL naturally integrates into the DEX ecosystem, seeding new liquidity pools, trading pairs, and user activity. This creates a steady pipeline of fresh assets and communities flowing into Momentum DEX, driving volume, deepening liquidity, and expanding the diversity of markets available to both traders and institutions. By positioning TGL as the entry point for bluechip projects, Momentum ensures that its DEX remains the central hub of liquidity on Sui and beyond.

By combining strategic partnerships, sustainable tokenomics, and community-aligned distribution, TGL ensures projects launch with **real liquidity, strong community buy-in, and lasting momentum**—not just short-term hype.

Vaults: Automated Yield, Made Simple

Momentum vaults are designed to attract deep, sticky TVL by allowing users to deposit assets and earn from automated, high-performance strategies without needing to actively trade or rebalance. Strategies are developed by expert curators who bring proven, data-backed

approaches from other ecosystems to Sui, giving users access to yields typically reserved for sophisticated DeFi participants.

We're launching vaults in three phases, each unlocking more powerful ways to put capital to work:

Phase 1: Auto-Rebalancing Vaults

Vaults that automatically manage and optimize positions for a single trading pair on Momentum, ensuring efficient liquidity and higher yields with zero manual effort. These vaults plug directly into trading activity on Momentum DEX, creating deeper liquidity and improving execution quality for all users across the Sui DeFi ecosystem.

Phase 2: Strategy Vaults

Curated vaults designed to maximize returns through advanced strategies, including:

- **Leverage** – Amplify position size and yield using borrowed funds.
- **Looping** – Borrow against deposits to re-deposit and stack yield multiple times.
- **Multi-Pair** – Farm across several trading pairs in one vault.
- **Multi-Strategy** – Combine strategies to optimize for risk-adjusted returns.

These strategies integrate with lending markets, AMMs, and other composable protocols on Sui, helping expand utility, drive TVL growth, and strengthen the overall DeFi ecosystem.

Phase 3: Multichain Vaults

The first vaults to accept assets from multiple ecosystems—including EVM chains, Solana, and Sui—creating new pathways for external liquidity to flow into Momentum and Sui DeFi. By bridging liquidity across ecosystems, these vaults unlock new integrations with cross-

chain DeFi protocols and expand Sui's role as a hub for global, tokenized liquidity.

Why Vaults Matter

1. **Capital Efficiency & User Convenience** – Most users lack the time, tools, or expertise to execute complex DeFi strategies. Vaults automate these processes, enabling institutional-grade yields in just a few clicks.
2. **Ecosystem Growth** – By supporting assets from multiple chains, vaults attract liquidity into Sui, increasing TVL, boosting trading volume on Momentum, and strengthening Sui's position in DeFi.
3. **Retention & Stickiness** – Automated strategies encourage users to keep funds deposited longer, creating more stable liquidity for our DEX and reducing short-term volatility.

By combining expert curators, a phased rollout, and strategies that extend far beyond simple farming, Momentum vaults aim to establish themselves as the **category leader in automated DeFi yield on Sui**.

Momentum X: Unified Trading Platform + Compliance Layer

Momentum X is the first institutional-grade platform that unifies trading and compliance for tokenized assets. Today, token issuers launch on different chains with siloed KYC providers, meaning that to trade Nvidia stock on Solana, redeem its yield on another chain, or access products like USDy, users must repeatedly re-verify their identity with different intermediaries. This fragmentation creates friction, limits liquidity, and blocks institutions from scaling adoption.

Momentum X solves this by introducing a universal KYC/AML layer powered by the Sui technology stack (Sui, Walrus, Seal). Participants complete verification once, then gain access across all integrated assets and protocols - from tokenized equities and commodities to

RWAs and yield products. Compliance logic is enforced on-chain via Seal's programmable access control, ensuring transfers, yield distributions, and secondary trades remain fully compliant without relying on centralized gatekeepers.

By combining zero-knowledge identity, on-chain compliance, and cross-chain interoperability, Momentum X transforms fragmented pilots into a unified ecosystem. Issuers, institutions, and protocols can launch at scale, while users gain seamless access to global tokenized markets - with one identity, one platform, and institutional-grade trust.

Why Tokenized RWAs Need New Infrastructure

Tokenization promises to unlock trillions in liquidity, but today's infrastructure falls short:

- **Siloed Issuance:** Each issuer runs its own KYC process, forcing users to repeatedly verify their identity.
- **Lack of Composability:** Tokens launched on different chains, even when backed by the same real-world asset, are treated as separate instruments. This fragments liquidity, creates inefficiencies, and prevents deep, unified markets from forming.
- **Off-Chain Compliance:** Regulatory rules are enforced by intermediaries instead of programmable smart contracts, limiting transparency and scalability.

Powered by Sui's full-stack architecture, zero-knowledge identity, Wormhole interoperability, and on-chain compliance, Momentum X transforms fragmented pilots into a unified, composable marketplace, enabling regulated, high-volume trading across a truly connected global market.

At its foundation, Momentum X provides:

- **True Liquidity Unification:** Consolidating fragmented markets for the same underlying assets.

- **Institutional-Grade Compliance:** Enforcement baked into token standards.
- **Full DeFi Integration:** RWAs that can be traded, borrowed, lent, and staked alongside crypto-native assets.

MMT Token Utilities

Bonding Mechanism: MMT serves as the governance token of the Momentum ecosystem. It adopts a voted escrow (veMMT) model, where bonding MMT generates veMMT. This mechanism grants governance power proportional to both the amount of MMT bonded and the duration of the lock, aligning incentives between token holders and the long-term health of the protocol.

Governance & Participation: veMMT holders can actively participate in protocol governance by voting on improvement proposals, parameter changes, emission distributions, and the evolution of governance structures. This system is designed to encourage both active participation and long-term alignment with the ecosystem.

Community Rewards: MMT is integral to the Momentum ecosystem, intended to drive on-chain activity, protocol growth and community participation. Users who provide liquidity, trade, vote, or otherwise contribute to ecosystem growth can qualify for rewards. This structured distribution encourages sustainable expansion and rewards meaningful participation.

Privileged Access: Holding veMMT also unlocks privileged access to Momentum's ecosystem, including early participation in new yield vaults, priority allocations in the Token Generation Lab (TGL), and beta access to upcoming products and features.

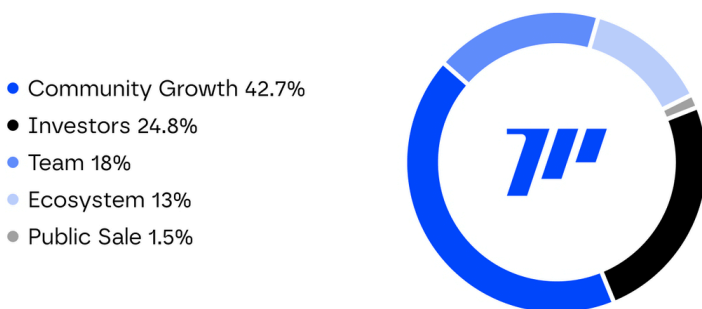
Disclaimer

MMT does not represent ownership, income rights, or any form of security interest. It does not guarantee future price appreciation or market performance. Its sole purpose is to enable utility and participation within the Momentum protocol.

MMT Tokenomics

The total supply is at 1,000,000,000 MMT. At the Token Generation Event (TGE), the initial circulating supply will be 204,095,424 MMT ($\approx 20.41\%$ of the total supply). This calibrated release balances early market liquidity with long-term value creation and governance stability.

\$MMT Token Allocations



This chart provides the breakdown of token distribution

Momentum Finance Tokenomics balances immediate market liquidity with long-term sustainability through a strategic blend of short term token releases and extended vesting schedules for investors, team and ecosystem reserves. The MMT token is purposefully designed to serve as a foundation for governance, a catalyst for ecosystem incentives, and a mechanism for sustained engagement across decentralized and traditional financial ecosystems.

● Ecosystem (13%)

- Allocated to developers and builders contributing to the Momentum ecosystem — for example, creating governance tools, expanding the lending market, or integrating ecosystem tokens into new protocols. Funds will also be used to sponsor hackathons to grow the ecosystem and incentivize technical development initiatives, in particular new products. 9% unlocked at TGE with 24 month vesting.
- Allocated to ensure deep liquidity and trading across centralized and decentralized exchanges. This allocation also fuels strategic liquidity campaigns during TGE to ensure smooth market entry.
- Provides marketing support around TGE, including staking programs to attract long term holders of MMT.

• **Community Growth (42.72%)**

Dedicated to strengthening the Momentum ecosystem through:

- **Liquidity Incentives:** Reward liquidity providers and encourage active participation in ecosystem governance to maintain deep liquidity, drive protocol growth, and ensure an optimal trading experience. Aligning traders, token holders, and liquidity providers ensures lasting ecosystem resilience and long-term growth.
- **Marketing & Adoption:** Fund campaigns and strategic partnerships that amplify Momentum's visibility, attract new users, and foster long-term adoption of MMT across global markets.
- **Risk Management:** Support continuous audits, security monitoring, and protocol upgrades to maintain the highest standards of safety and reliability.
- **RWA Integration:** Drive adoption of real-world assets within Momentum's ecosystem, expanding use cases and connecting on-chain liquidity with tangible economic value.

• **Investors and Early Supporters (24.78%):**

Allocated to early investors who have supported Momentum since its inception. Tokens are subject to a 0% TGE and a minimum 1-year cliff, ensuring sustained commitment to the protocol's long-term growth and vision.

● **Public Sale (1.5%):**

This allocation is dedicated to supporters participating through Buidlpad and is designed to reward verified community members who actively contribute to early ecosystem engagement. Eligibility is based on strict qualification criteria including identity and wallet screening, bot-resistant participation requirements, and adherence to fair-launch principles to ensure distribution reaches genuine users rather than speculative extraction participants. Allocated tokens are fully unlocked at TGE to allow immediate utility and governance participation, while safeguard measures remain in place to monitor for suspicious activity and protect long-term tokenholder alignment. WAGMI high tiers and UGC creators are given priority. In accordance with public sale standards this is 100% unlocked at TGE.

● **Team (18.00%):**

Assigned to the founding team, core contributors(now and future) who have built and maintained Momentum. Tokens are subject to a 4-year cliff to ensure the team is incentivized through voter rewards which they are aligned to maximize.

● **Emissions**

Emission will commence within 3 - 6 months after TGE when Momentum DEX transitions to a ve(3,3) model. Under this standard ve(3,3) design, liquidity providers receive emissions as rewards, while veMMT holders who actively participate in governance are rewarded protocol incentives for contributing to the growth and decision-making of the Momentum ecosystem. Further details regarding the ve(3,3)

governance framework will be shared through formal governance proposals.

Roadmap

Momentum is the Robinhood of the tokenized era. It is not just another DEX, it is building the platform where anyone, retail or institutional, can trade anything, anywhere, fully on-chain. Momentum will deliver & structure all main features in three deliberately sequenced phases. Each phase compounds liquidity, broadens market surface area, and hardens compliance and governance.

Phase One: Strong Establishment on Sui

Phase One establishes the core foundation on Sui, with Momentum DEX as the central liquidity engine. The DEX combines concentrated liquidity with a $ve(3,3)$ incentive design to direct emissions toward productive pools, deepen books, and compress slippage. Users gain fast, low-fee spot execution; liquidity providers gain capital efficiency and emissions governed by transparent gauge voting; builders gain composability against a predictable set of primitives.

This phase also anchors the stack with MSafe for institutional-grade access control and xSUI for capital-efficient staking that remains fully usable in DeFi. Together, these primitives power healthy order flow from day one and give governance levers to steer liquidity where it creates the most utility. With the launch of Token Generation Lab (TGL), a curated launchpad for blue chip quality projects and communities through our transparent, scalable, and sustainable platform, connects projects with real, contributing retail users to build a sustainable community and long-term interest alignment.

Phase Two: Cross-Chain Liquidity Ramp up

Phase Two broadens Momentum from top 1 DEX on Sui onto cross-chain expansion. Two levers drive this expansion:

Vaults roll out in staged releases from auto-rebalancing strategies to advanced constructions (looping, leverage, multi-pair/multi-strategy), users can access competitive APRs without operational complexity. Vault throughput translates directly into deeper books and tighter spreads on the DEX.

Wormhole Native Token Transfer (NTT) compresses asset onboarding from months to minutes, allowing major tokens from ecosystems such as Ethereum and Solana to be bridged into a unified venue. This reduces fragmentation, accelerates new pair creation, and enables responsive liquidity programs tied to real demand signals.

Cross-chain scale is matched by stronger controls: standardized oracle integrations, parameterized risk limits at the vault level, and programmatic emissions that adapt to utilization and fee capture rather than static schedules.

Phase Three: the Robinhood of the tokenized era

Momentum is not just another DEX, it is building the platform where anyone, retail or institutional, can trade anything, anywhere, fully on-chain. Introduces Momentum X, the compliance and identity layer that enables regulated assets to trade alongside crypto in a single interface, embeds universal KYC/AML and programmable access control at the token layer, leveraging the Sui stack (encrypted data storage, programmable permissions) to keep verification private, portable, and auditable.

With Momentum X, issuers can tokenize instruments, retail users complete verification once and transact across eligible markets without re-onboarding, while governance defines listing standards, disclosure requirements, and investor protections. Blockchain and RWAs live side by side: one venue, consistent UX, policy-aware execution.

Phase Three also lays the groundwork for derivatives (Perpetual DEX) with a robust risk engine, funding mechanics, and oracle design that favor market resilience. Institutional features - custody integrations, audit trails, optional proof-of-reserves attestations for tokenized assets - are introduced under governance oversight so the marketplace can scale with confidence.

Live products:

- MSafe, Momentum DEX, xSUI, Vaults

Upcoming:

- Perp DEX: Q1 2026
- TGL: Q1 2026
- Momentum X: Q2 2026

The Future

Momentum builds the operating system powering the next era of global finance. Every product is a building block toward one simple promise: trade anything, anywhere, with no friction. Web2 and Web3 assets coexist in a unified marketplace, users enjoy the transparency and self-custody of DeFi, while institutions get the compliance, governance, and control they require.

Markets that were once siloed crypto, token minted across chains become part of a single open liquidity layer, where value moves seamlessly and capital productivity is always maximized. Powered by Momentum, the global financial system evolves into a composable, tokenized marketplace with no borders, no intermediaries, and no limits.

Build the future with us.