DOCUMENT 04 · INSTITUTIONAL TOKENOMICS REPORT

$MEPR Tokenomics

Economic design, supply discipline, vesting, treasury, and risk controls

Fixed supply	Launch chain	Launch float	Vesting
10B	BSC	8–15%	3+12+24
MEPR · no inflation	multi-chain expansion	controlled circulating	months · investor / team

Prepared for institutional review. $MEPR is a utility-first ecosystem token. It is not equity, not stock, not a guaranteed investment, and not a profit-sharing instrument. All forward-looking statements are illustrative and subject to market, operational, and regulatory conditions.

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Document 4 of the institutional suite · Confidential draft

01 · EXECUTIVE SUMMARY

A disciplined economic design built for utility, transparency, and longevity

Metta Protocol issues a fixed supply of 10,000,000,000 MEPR on BNB Smart Chain (BSC), with a multi-chain roadmap that includes Base, Ethereum, Solana, Polygon, and Arbitrum. $MEPR is a utility-first ecosystem token that powers an interconnected stack of fintech, escrow infrastructure, AI services, digital identity, and real-world business integrations.

This report explains how the protocol manages emissions, circulating float, and treasury policy so that supply expansion is anchored to real product demand rather than speculative pressure. Every major bucket sits in transparent on-chain wallets; investor and team allocations route through Merkle vesting contracts; and a public Token Transparency Center publishes quarterly reports and a live unlock calendar.

Total supply	Community & public	Ecosystem dev.	Treasury reserve
10,000,000,000	2,500,000,000	2,000,000,000	1,500,000,000

Design pillars at a glance

Fixed supply	10B MEPR, hard-capped. No protocol inflation. Demand is met through utility, not new issuance.
Controlled float	Recommended launch circulating supply of 8% to 15% — a 800M to 1.5B band designed for healthy price discovery.
Locked alignment	Investor and team allocations follow the same 3 / 12 / 24 vesting structure to align long-term incentives.
Wallet transparency	Major buckets sit in multisig wallets. Investor and team unlocks route through one Merkle vesting contract each.

Utility sinks	Payments, escrow, AI API credits, access tiers, staking, reputation, RWA settlement, launchpad, and gas abstraction.
Treasury discipline	A portion of ecosystem net profits may fund discretionary buybacks and operations, subject to governance and law.

02 · TOKEN DESIGN PHILOSOPHY

Utility-first, infrastructure-backed, fixed supply, controlled emissions

$MEPR is engineered as the economic unit of an operating ecosystem — not as a speculative reward. Every design decision answers a simple question: does this strengthen the link between real product usage and token demand? The result is a tokenomics frame that institutional reviewers can model with confidence.

Utility-first

The token is consumed as a payment, fee, credit, or stake across MettaPays, escrow, Metta AI APIs, MettaSpace, and RWA settlement rails. Demand follows usage.

Infrastructure-backed

MEPR sits on top of audited contracts, multisig treasury custody, transparent on-chain wallets, and a Token Transparency Center for institutional review.

Fixed supply

10B MEPR, hard-capped at genesis. There is no mint function, no rebasing, and no inflationary rewards layered on top of the schedule below.

Controlled emissions

Cliffs, monthly linear releases, and discretionary, governance-gated treasury operations replace ad-hoc unlocks. Float grows in predictable, disclosed steps.

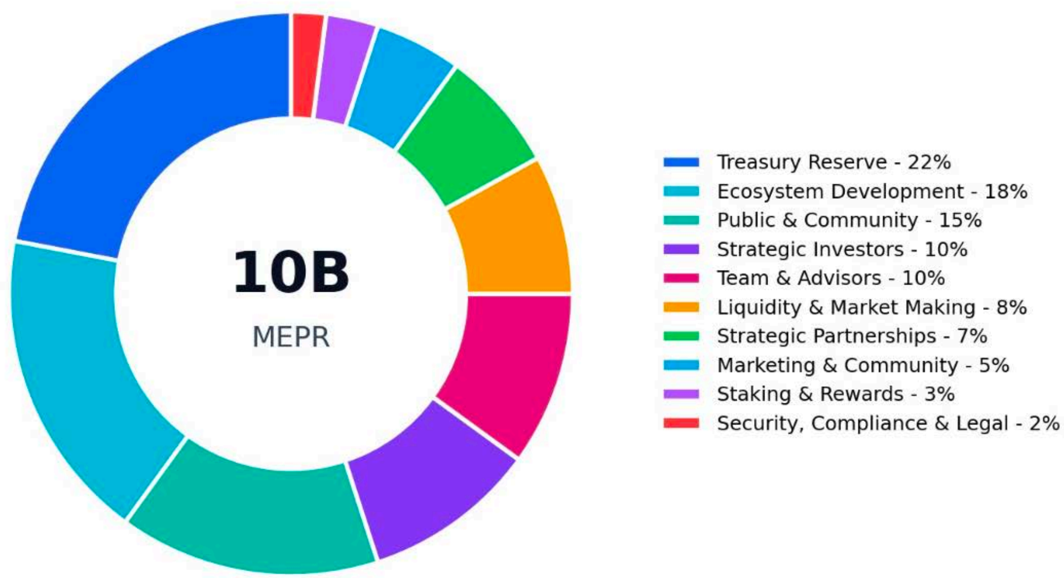
What $MEPR is — and is not

$MEPR is	a utility token used to pay for, access, and coordinate services across the Metta Protocol ecosystem.
$MEPR is not	equity, stock, a security, a guaranteed investment, a profit-sharing instrument, a dividend right, or a deposit.

03 · SUPPLY OVERVIEW & ALLOCATION

10,000,000,000 MEPR — hard cap, ten transparent buckets

The fixed supply of MEPR is permanently capped at 10 billion units at genesis. Allocation is split across ten buckets, each anchored to a defined role inside the protocol. The donut and table below show every bucket, its percentage of supply, and its exact token amount.

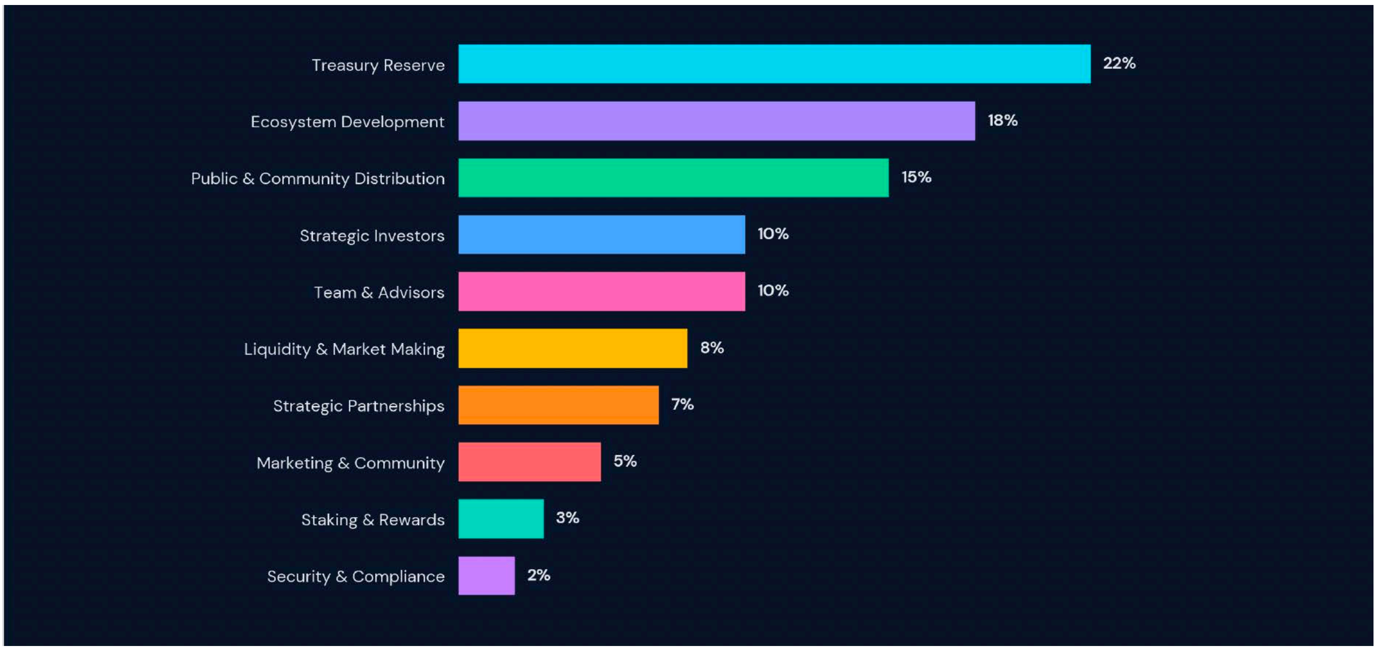


Bucket	Share	MEPR amount	Custody
Treasury Reserve	22%	2,500,000,000	Multisig
Ecosystem Development	18%	2,000,000,000	Multisig
Public & Community	15%	1,500,000,000	Distribution contracts
Strategic Investors	10%	1,000,000,000	Investor contracts
Team & Advisors	10%	1,000,000,000	Team vesting contract

Liquidity & Market Making	8%	800,000,000	Multisig
Strategic Partnerships	7%	500,000,000	Multisig
Marketing & Community	5%	300,000,000	Rewards contract
Staking & Rewards	3%	200,000,000	Multisig
Security, Compliance & Legal	2%	200,000,000	Multisig
Total	100%	10,000,000,000	Fixed supply

04 · ALLOCATION RATIONALE

Every bucket exists for a reason — who it funds and what it controls



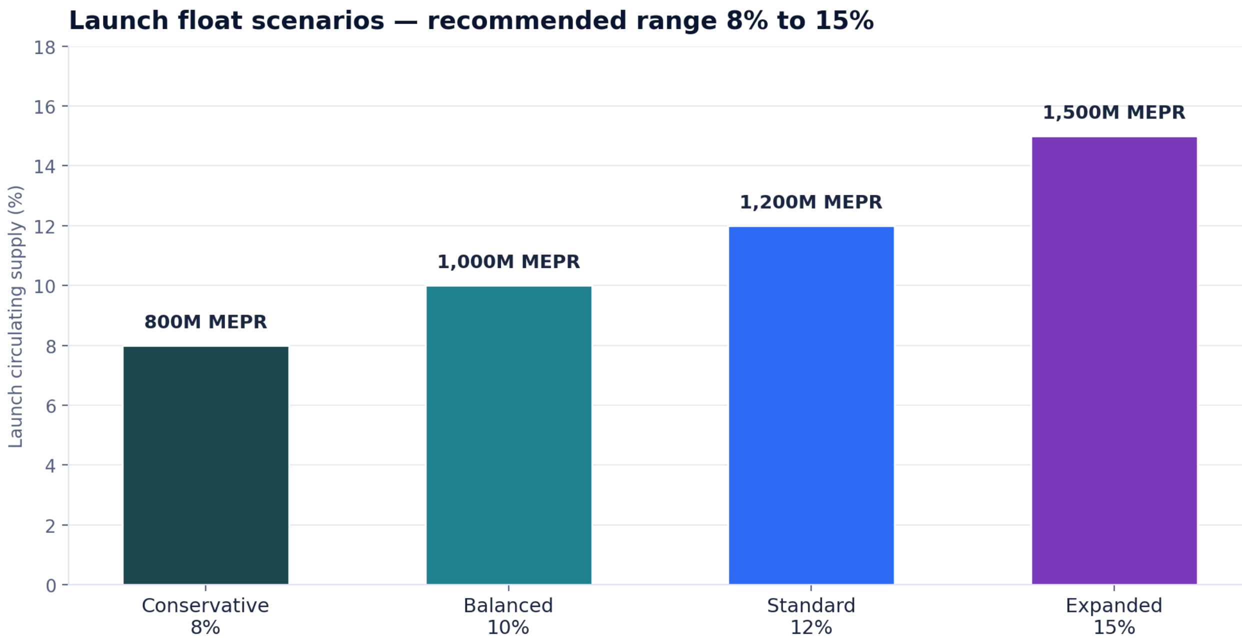
Treasury Reserve — 22%	Long-horizon strategic reserve held in multisig. Used at treasury discretion for runway, opportunistic deployments, market operations, and the controls described in Section 10.
Ecosystem Development — 18%	Builder grants, integrations, exchange listings, market-maker partnerships, developer bounties, and ecosystem fund deployments that grow MEPR utility surfaces.
Community & Public Distribution — 15%	Funds the Community Round, Strategic Round, and Institutional allocations. Earmarked for primary distribution events with KYC and conservative caps to seed a broad, aligned holder base.
Strategic Investors — 10%	Strategic capital, institutional support, long-term partners.

Team & Advisors — 10%	Founders, employees, and advisors. Subject to the same 3-month / 12-month / 24-month vesting curve as investor allocations to align long-term incentives.
Liquidity Reserve & Market Making — 8%	Reserved for primary DEX/CEX liquidity, paired liquidity programs, and resilient market depth across the multi-chain footprint. And Market Making.
Strategic Partnerships — 7%	Allocations to enterprise partners, RWA originators, payment-rail integrations, and infrastructure providers under contractual lockups that mirror investor vesting.
Marketing & Community — 5%	Brand campaigns, regional ambassador programs, community quests, education content, and growth incentives subject to governance policy.
Staking & Rewards — 3%	Funds the staking and rewards contract; emits according to a published rewards curve, not from new supply.
Security & Compliance — 2%	Audits, bug bounties, monitoring, KYC/AML tooling, legal opinions, jurisdictional review, and ongoing compliance operations.

05 · LAUNCH CIRCULATING SUPPLY STRATEGY

Controlled float between 8% and 15% at TGE

Initial circulating supply is one of the most important levers in tokenomics. Too little supply at launch can create disorderly price discovery and thin liquidity; too much can dilute holders and depress the asset before the ecosystem has demonstrated demand. Metta Protocol recommends a launch circulating supply between 8% and 15%, scaled to the depth of confirmed listings, market-maker depth, and product launch sequencing.



Scenario	Launch float	MEPR circulating	Use case
Conservative	8%	800,000,000	Initial DEX/CEX listing with limited venues and tight market-making.
Balanced	10%	1,000,000,000	Standard public launch with two to three CEX listings and active liquidity pools.
Standard	12%	1,200,000,000	Broader listing footprint and a more diverse market-maker book.
Expanded	15%	1,500,000,000	Multi-venue launch supported by deeper institutional liquidity commitments.

Launch float is constructed from genesis-unlocked portions of Community & Public Distribution, Liquidity Reserve, Marketing & Community, and a measured share of Staking & Rewards — never from investor or team buckets, which remain fully under their vesting cliff. Once selected, the launch float and contributing buckets are published in the Token Transparency Center prior to TGE so third parties can independently verify wallet-level balances at genesis.

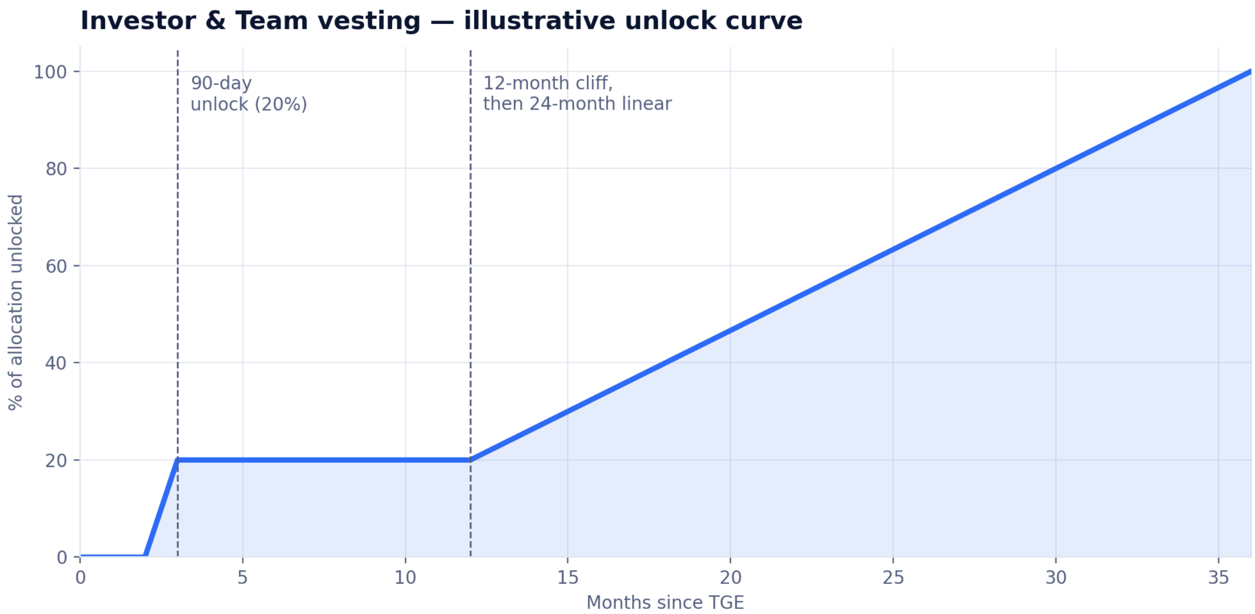
06 · VESTING & EMISSIONS SCHEDULE

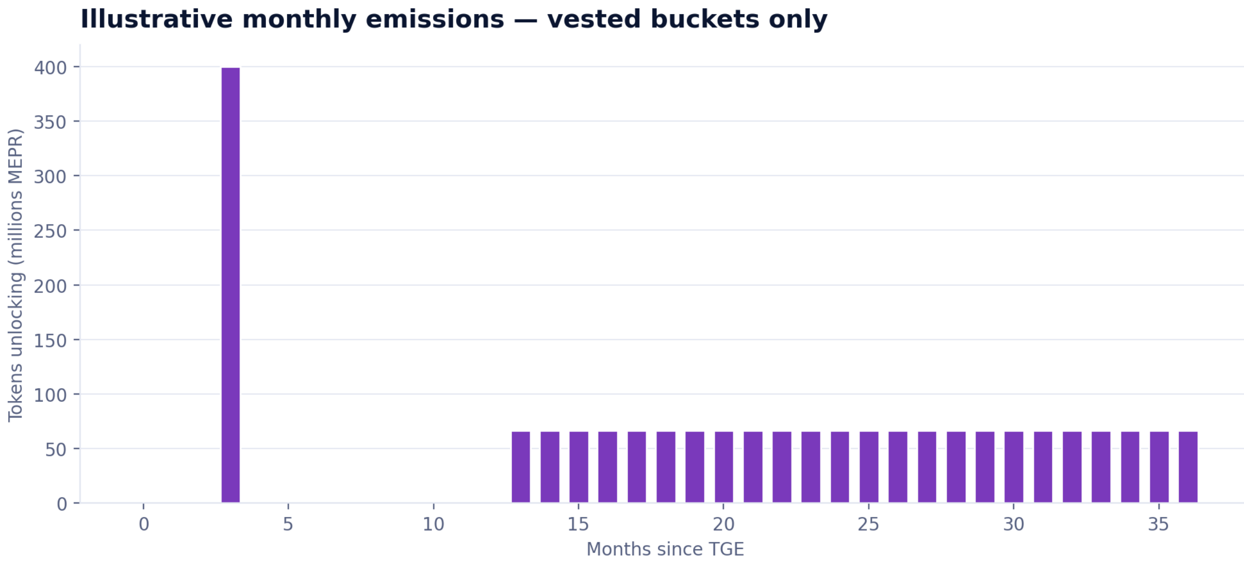
3 / 12 / 24 — investor and team mechanics, Merkle claims

Investors and team members share an identical unlock schedule. The structure is designed to deliver early but limited liquidity to participants, followed by a hard cliff that locks the bulk of supply, and a linear monthly stream that aligns incentives across two full years.

Investor & Team vesting curve

- Initial unlock: 20% of allocation unlocks 90 days after TGE.
- Cliff: the remaining 80% remains fully locked until the 12-month cliff.
- Linear release: the 80% unlocks monthly over 24 months after the cliff.
- Full vest: approximately month 36 from TGE.




Illustrative monthly emissions — vested buckets only
Tokens unlocking (millions MEPR)
400
350
300
250
200
150
100
50
0
0
5
10
15
20
25
30
35
Months since TGE

Merkle vesting claim mechanics

Investor and team allocations are not distributed wallet-by-wallet at TGE. Instead, each cohort is encoded into a Merkle tree whose root is committed on-chain to a vesting contract. Participants claim into their own wallets as new vesting tranches become available.

1. Encode	Each participant's wallet, total allocation, and vesting parameters are hashed into a Merkle tree off-chain.
2. Commit	The Merkle root is stored on-chain in the vesting contract. Two contracts exist: one investor, one team.
3. Claim	A holder submits their wallet address and a Merkle proof. The contract verifies inclusion.
4. Compute	The contract calculates how much has vested under the 3 / 12 / 24 curve, net of amounts already claimed.
5. Release	The contract transfers the claimable balance to the holder's wallet and records the claimed amount.

Strategic partner allocations are governed by bilateral contracts that mirror or exceed the investor lockup. Ecosystem Development, Treasury, Liquidity, Marketing, Security, and Emergency Reserve buckets have no automatic vesting; they are released under treasury policy, multisig sign-off, and published in the Transparency Center.

07 · WALLET ARCHITECTURE & TRANSPARENCY

Multisig custody, vesting contracts, and a public Transparency Center

Wallet architecture follows a simple discipline: bucket-by-bucket separation, multisig signing on every non-vesting bucket, and only two vesting contracts — one for investors, one for team. The result is a registry that any third party can audit on-chain.

Wallet architecture & transparency

Major buckets sit in multisig wallets; investor and team allocations route through one vesting contract each.

Wallet	Bucket	Custody	Public report
Treasury Reserve	15% — 1,500M MEPR	Multisig (M-of-N)	Quarterly · Transparency Center
Liquidity Reserve	8% — 800M MEPR	Multisig	Quarterly · pair-level disclosure
Investor vesting contract	Strategic + Community vested portion	Merkle vesting contract	Per-unlock event

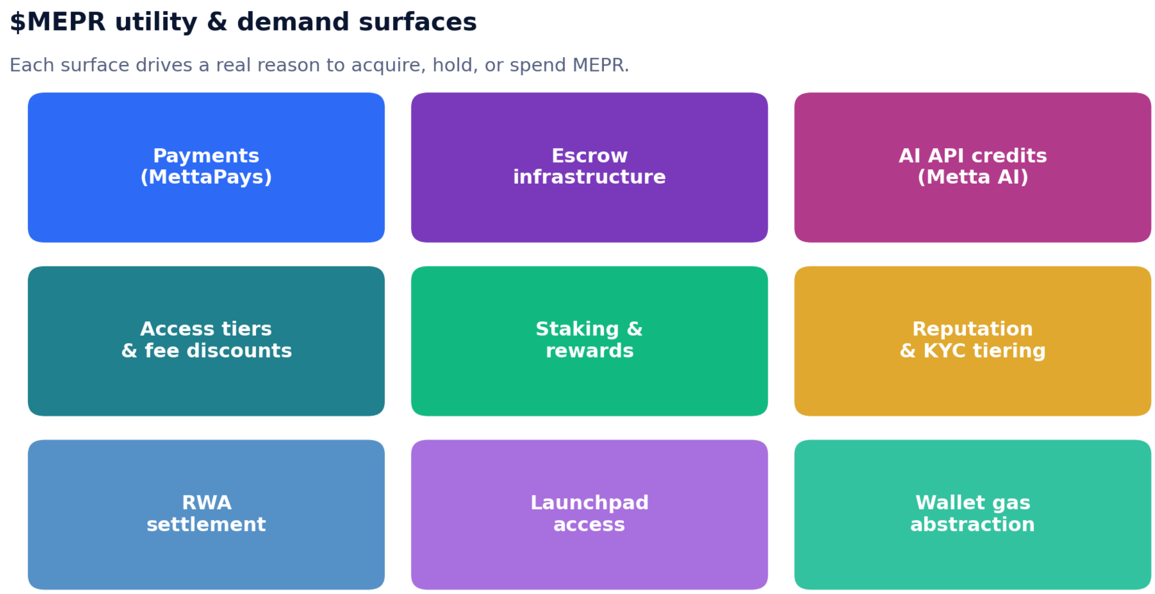
Team vesting contract	10% — 1,000M MEPR	Merkle vesting contract	Per-unlock event
Marketing & Community	5% — 500M MEPR	Multisig	Quarterly
Ecosystem Development	20% — 2,000M MEPR	Multisig	Quarterly grant ledger
Strategic Partnerships	10% — 1,000M MEPR	Multisig + contractual lockups	Per-partner disclosure
Security & Compliance	2% — 200M MEPR	Multisig	Audit summary, bounty log
Emergency Reserve	2% — 200M MEPR	Multisig (incident-only)	Incident report (if used)
Staking & Rewards	3% — 300M MEPR	On-chain rewards contract	Live emission schedule

Token Transparency Center. Metta Protocol commits to publishing a quarterly report covering wallet balances, executed unlocks, treasury operations, grant disbursements, and a forward-looking unlock calendar. The wallet registry is keyed to addresses that anyone can verify against the underlying chain.

08 · UTILITY & DEMAND MECHANICS

Where $MEPR is used, paid, staked, or earned

Every utility surface below is a real reason to acquire, hold, or spend MEPR. Together they form a diversified demand profile that does not depend on emissions, marketing pushes, or speculative narratives to sustain volume.



Payments (MettaPays)	Settlement and fees inside the MettaPays consumer/merchant rail; MEPR-denominated tiers and merchant rebates.
Escrow infrastructure	Bond, fee, and dispute-resolution flows in the Metta escrow contract suite, including B2B and RWA flows.
AI API credits (Metta AI)	Per-call and per-token credits for Metta AI APIs, with bulk pricing tiers redeemable in MEPR.
Access tiers & fee discounts	Holding or staking thresholds unlock fee discounts, throughput, and feature tiers across the ecosystem.
Staking & rewards	Time-locked staking from the Staking & Rewards contract; emissions are bounded by the 3% bucket.
Reputation & KYC tiering	Reputation scores tied to verified accounts; higher tiers permit larger escrow, settlement, and RWA flows.

RWA settlement	Tokenized real-world asset settlement leg; MEPR is used as the settlement and fee asset on supported flows.
Launchpad access	Allocation rights to ecosystem launches and partner offerings, gated by stake and reputation.
Wallet gas abstraction	Pre-funded MEPR balances can sponsor user gas across supported chains, lowering onboarding friction.

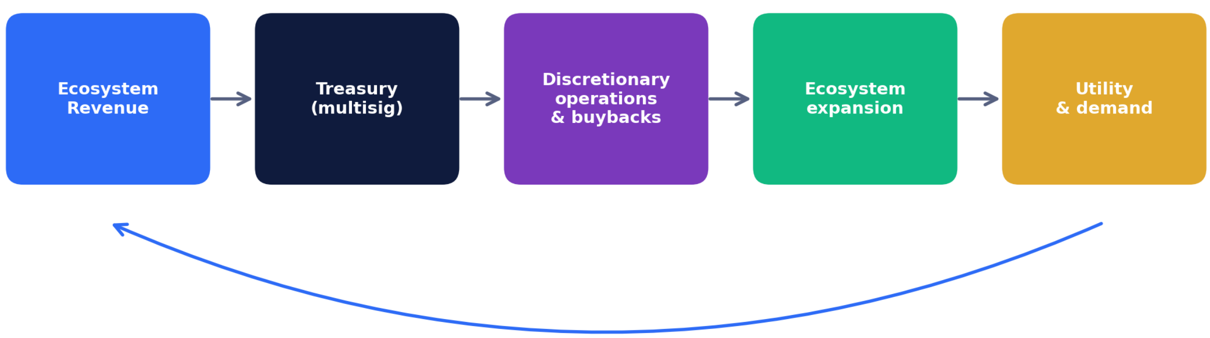
09 · TREASURY POLICY & ECOSYSTEM FLYWHEEL

Revenue → treasury → discretionary operations → expansion → utility

The protocol's treasury is the operational fulcrum between ecosystem revenue and token-side discipline. Net profits from operating products may be allocated toward treasury-led market operations and buyback activity, in addition to runway and growth deployments. This policy is discretionary and intended to support healthy market structure — not to underwrite token price.

Treasury & ecosystem flywheel

Discretionary, governance-gated, subject to market conditions and applicable law.



Utility-driven demand cycles back into ecosystem revenue

Treasury policy — operating principles

- Initial cap proposal: up to 7% of ecosystem net profits may be earmarked for treasury-led market operations and buybacks each reporting period.
- Discretionary: the treasury committee may execute, defer, or skip operations based on market conditions, operational priorities, and governance policy.
- Governance-gated: operations follow published policy and require multisig sign-off.
- Legally bounded: all activity is subject to applicable law in relevant jurisdictions.
- Reported quarterly: the Transparency Center publishes net activity and inventory movements.

Ecosystem demand context — forward-looking target potential only

The figures below describe long-term revenue potential from current and planned product lines. They are illustrative and not guarantees of revenue, returns, or distributions to holders. They are presented here to give institutional reviewers a sense of the demand environment $MEPR is designed to service.

Product line	Annual target potential	Status
MettaPays	$7,000,000	Operating
Escrow Infrastructure	$7,000,000	Operating
Metta AI APIs	$2,000,000	Scaling
MettaSpace	$1,000,000	Building
Enterprise integrations	Expanding	Pipeline
RWA tokenization services	Expanding	Pipeline
Estimated long-term projected revenue potential	$17,000,000+ annually	

10 · SALE STRUCTURE & PARTICIPATION CONTROLS

KYC-gated rounds, transparent minimums, multiple settlement assets

Primary distribution is sourced from the Community & Public Distribution bucket. All rounds are KYC gated and accept a defined set of settlement assets. Allocations are confirmed by signed terms and settle into wallets the participant controls.

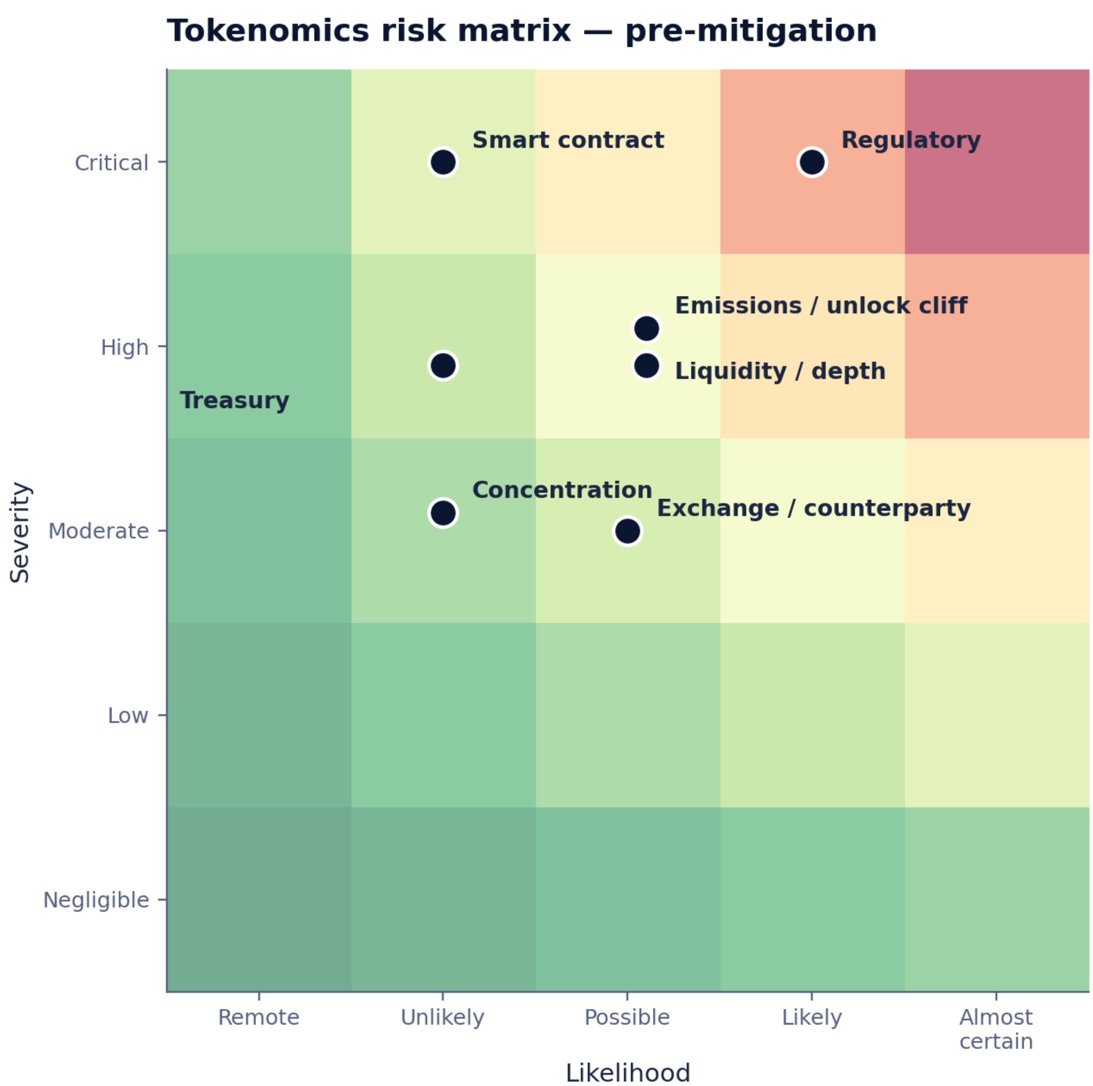
Round	Minimum	Allocation logic	Vesting
Community Round	$50	First-come, capped per wallet; KYC required	Investor vesting (3/12/24)
Strategic Round	$5,000+	Curated participants; size-based allocation tiers	Investor vesting (3/12/24)
Institutional	Negotiated	Bilateral terms; size, lockup, and ramp customized	Investor vesting (3/12/24) or stricter

Accepted assets	BNB, USDT, ETH, SOL, BTC
KYC	Required for every participant in every round, regardless of size.
Wallet hygiene	Sanctions and high-risk screening on contributing and receiving wallets.
Geographic restrictions	Excludes prohibited jurisdictions and persons under relevant laws.
Documentation	Signed terms, allocation confirmation, and on-chain claim records via the Merkle vesting contract.
Reporting	Round summary published in the Transparency Center; aggregate totals and unlock schedule disclosed.

11 · RISK CONTROLS

Categorized risks with concrete mitigations

The matrix below summarizes the principal token-level risks Metta Protocol manages, prior to mitigation. Each risk is paired with concrete controls in the table that follows. Residual risk is tracked through the Transparency Center and reassessed on a published cadence.



Risk	Pre-mitigation	Mitigation
Emissions / unlock cliff	High · Possible	Published unlock calendar; team and investor share identical curves; cliff bunching avoided by Merkle claims; transparency reports flag upcoming events.

Liquidity / depth	High · Possible	Dedicated 8% Liquidity Reserve; multiple market-making partnerships; multi-venue listings; controlled launch float (8–15%).
Regulatory	Critical · Possible–Likely	Utility-token framing; KYC across all rounds; jurisdictional restrictions; ongoing legal review and disclosures; 2% Security & Compliance bucket dedicated.
Smart contract	Critical · Unlikely	Independent audits, bug bounty program, multisig on every non-vesting bucket, isolation of vesting contracts, incident-only Emergency Reserve.
Concentration	Moderate · Unlikely	Per-wallet caps in the Community Round; published top-holder concentration metrics; ecosystem distribution tied to product usage.
Treasury	High · Unlikely	M-of-N multisig signing; published treasury policy; quarterly reporting; segregation of duties; cap on discretionary operations.
Exchange / counterparty	Moderate · Possible	Diversified venue strategy; multi-chain listings; whitelisted custodians; documented counterparty review for each integration.

12 · CONCLUSION

Why 10B can be institutional

A 10-billion fixed supply is only as credible as the discipline behind it. Metta Protocol's tokenomics answer that test in four ways:

Emissions are bounded. Investors and team share a 3 / 12 / 24 schedule with no surprise unlocks; non-vesting buckets are governed by multisig and published policy.

Transparency is institutional. Every major bucket has a public wallet, a quarterly disclosure, and a forward unlock calendar. There are no shadow allocations.

Utility is the demand engine. Payments, escrow, AI credits, RWA settlement, staking, and access tiers drive recurring token usage independent of speculative flows.

Treasury discipline is governance-gated. Discretionary operations are bounded, audited, and reported. They support market structure; they do not promise price outcomes.

Managed well, a 10B supply is not a liability — it is an instrument for serving an ecosystem that aims to move real money, real data, and real assets. Metta Protocol is engineered to be that instrument.

13 · DISCLAIMER & FORWARD-LOOKING STATEMENTS

Important legal and risk disclosures

Nature of the document	This Tokenomics Report is provided for informational purposes only. It does not constitute an offer, solicitation, or invitation to invest, and it does not constitute financial, tax, legal, accounting, or investment advice.
Nature of the token	$MEPR is a utility token used to access, pay for, and coordinate services across the Metta Protocol ecosystem. It is not equity, stock, a security, a deposit, a guaranteed investment, a profit-sharing instrument, a dividend right, or a claim on issuer assets.
Forward-looking statements	Statements regarding future product performance, revenue potential, ecosystem growth, treasury activity, and token utility are forward-looking. Actual outcomes may differ materially due to market, operational, technical, regulatory, or other factors.
Revenue targets	Revenue figures referenced in this document represent long-term target potential under current and planned product lines. They are illustrative; they are not forecasts, guarantees, or commitments, and they do not represent returns to token holders.
Treasury and buyback policy	Any reference to treasury-led market operations, including buybacks, is discretionary and subject to market conditions, operational needs, governance policy, multisig sign-off, and applicable law. Metta Protocol does not promise, guarantee, or commit to any specific price outcome, return, distribution, dividend, or passive income.
Risk	Holding, transferring, or interacting with $MEPR carries substantial risk, including possible loss of principal. Prospective participants should consult independent professional advisors and only commit funds they can afford to lose entirely.
Compliance & jurisdiction	Participation in any sale or distribution requires KYC and is restricted in certain jurisdictions and to certain persons. Each participant is responsible for complying with the laws applicable to them.
Authorship	This document was prepared by Perplexity Computer on behalf of Metta Protocol. Internal data and user-provided materials were used; no external web sources are cited.