Orobit

TOKENOMICS

Last Modified: 22-Jul-26

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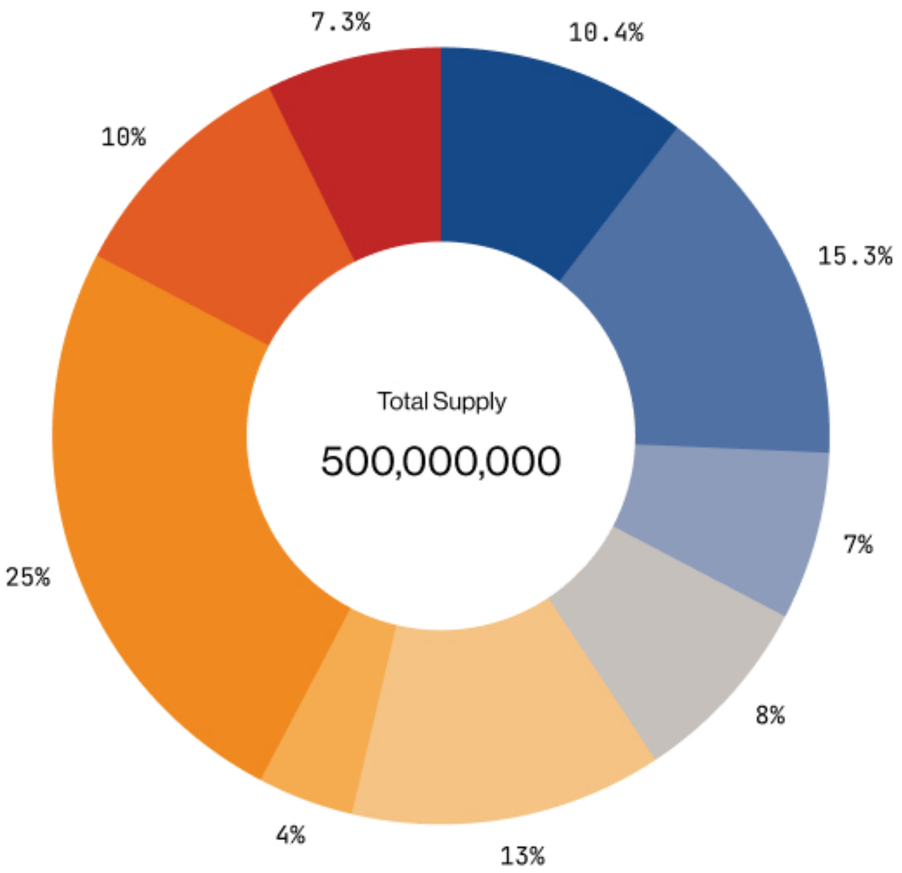
Contents

Economic Model



Seed Round	52,005,944
LP Fund	76,452,599
Public Round	35,000,000
Validator Emission	40,000,000
Foundation Ecosystem Growth	65,000,000
Hackathons & Grants	20,000,000
Reserve	125,000,000
Operations	50,000,000
Liquidity	36,541,457

Seed Round

Early-stage liquidity raising to support the development of Orobit protocol.

LP Fund

Provides foundational capital, early ecosystem support, and builds long-term investor alignment with project success.

Public Round

Public phased allocation raising additional liquidity to foster Orobit's growth and adoption.

Validator Emission

Drives network security by incentivizing active validation, uptime, and long-term operational commitment.

Foundation Ecosystem Growth

Ensures ongoing development, strategic partnerships, marketing, governance evolution, and community initiatives.

Hackathons & Grants

Catalyzes ecosystem growth by funding builders, developers, and new projects that strengthen protocol utility and adoption.

Reserve

Maintains strategic reserves for unforeseen requirements.

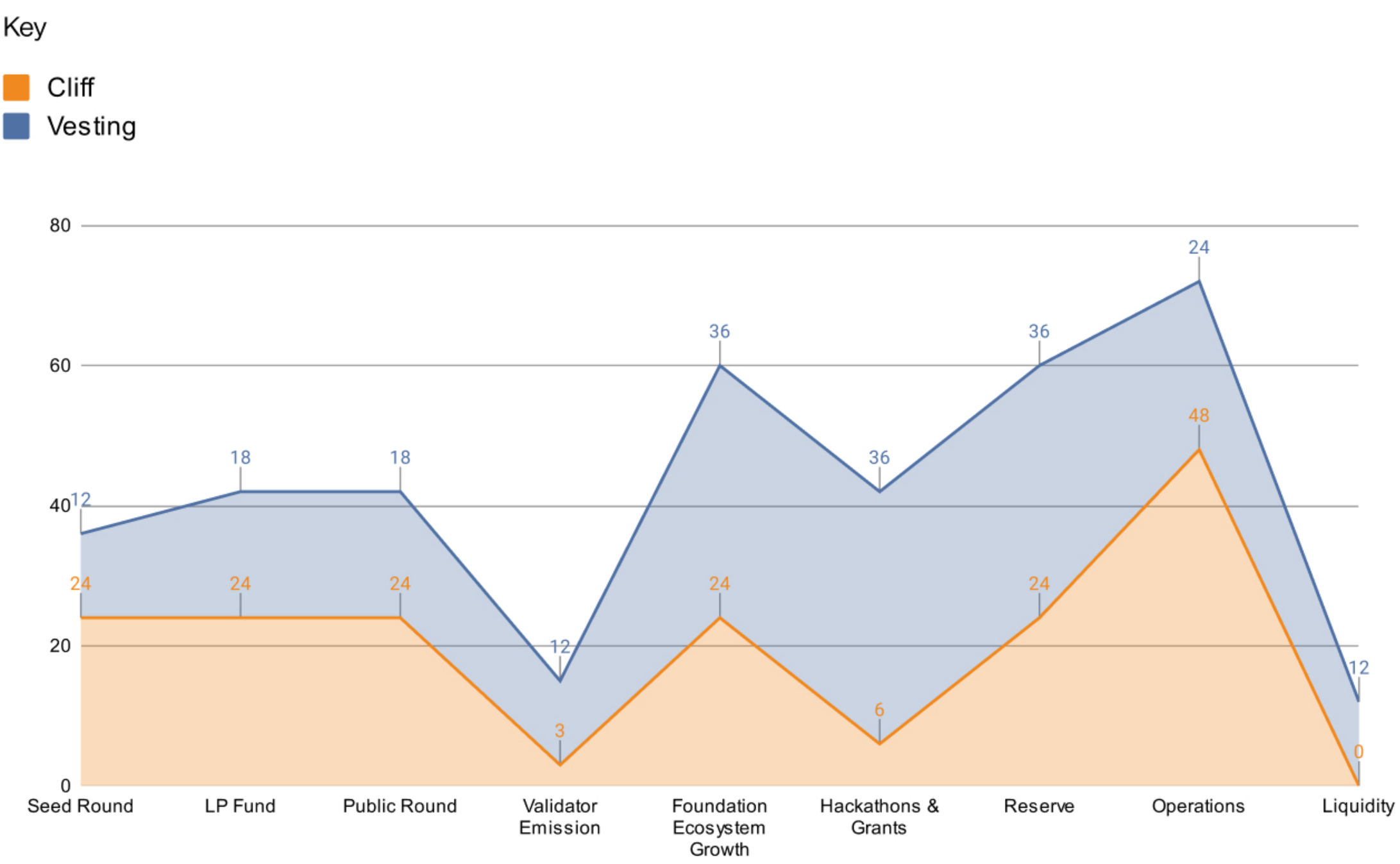
Operations

Used for expanding operations of the Orobit ecosystem.

Liquidity

Ensures enough Orobit Rewards are available in the market, facilitating trading and improving liquidity.

Vesting Length



CATEGORY	CLIFF PERIOD (MONTHS)	VESTING PERIOD (MONTHS)	% ALLOCATION
Seed Round	24	12	10.40%
LP Fund	24	18	15.29%
Public Round	24	18	7.00%
Validator Emission	3	12	8.00%
Foundation Ecosystem Growth	24	36	13.00%
Hackathons & Grants	6	36	4.00%
Reserve	24	36	25.00%
Operations	48	24	10.00%
Liquidity	0	12	7.31%
Total			100.00%

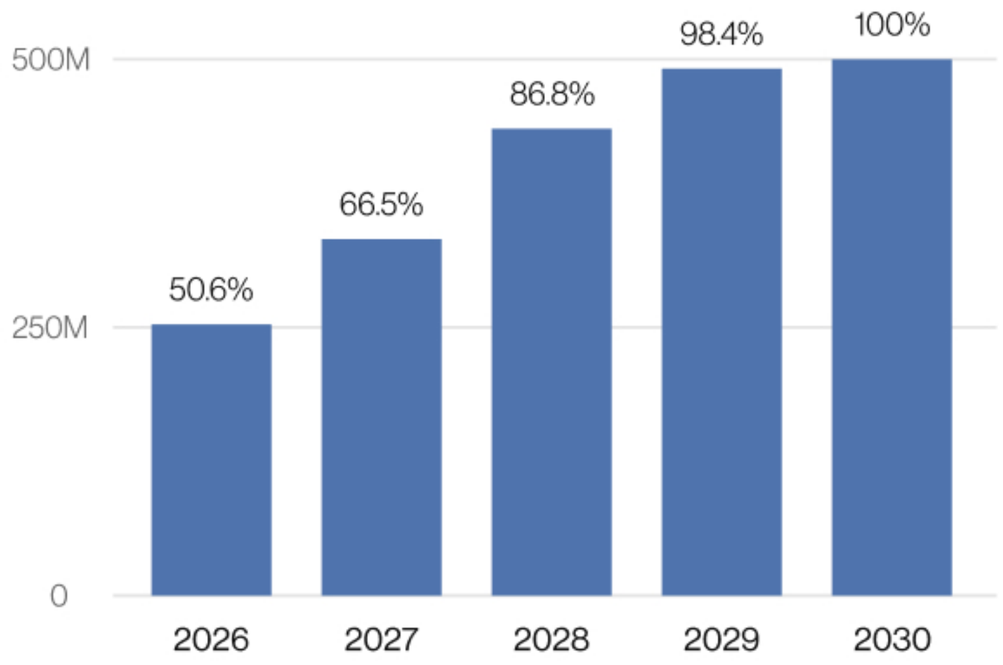
The Orobit reward economics uses the above vesting schedules which are critical for managing the Orobit distribution to each of the allocation issuances over the 60 month period.

Cliff Period: This is a predetermined period during which no Orobit is released. After this period, a portion of Orobit will be released based on each allocation issuance.

Vesting Timeline: Orobit is vested incrementally, based on each allocation issuance above.

Supply Unlocks

Unlocked supply follows the vesting schedules on the previous page. The largest single step arrives as the 24 month cliffs expire together, after which release is gradual through 2030. Unlocked supply at each year end:



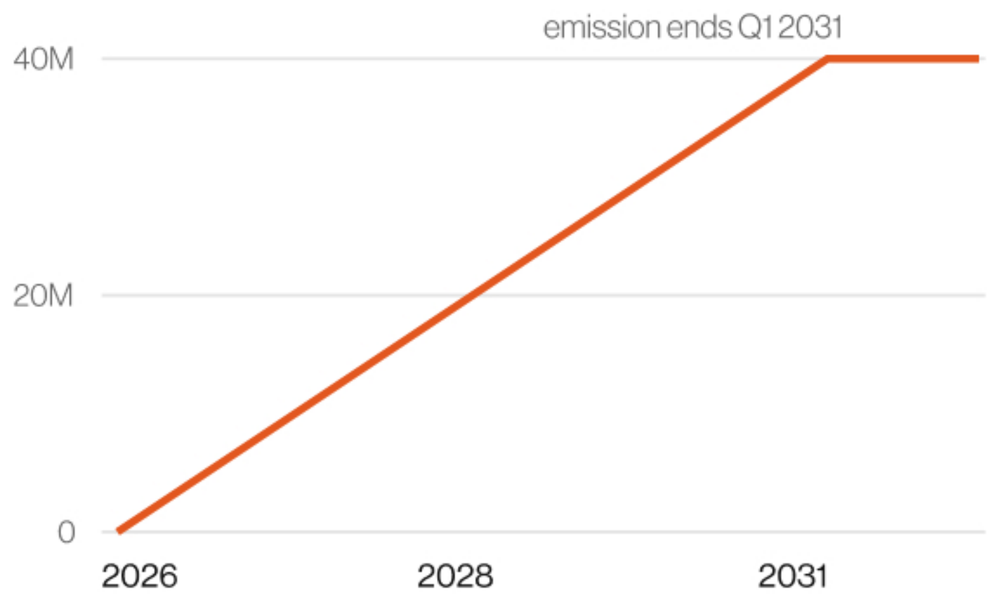
Year end	Unlocked	% of supply
2026	253,000,000	50.6%
2027	332,800,000	66.5%
2028	434,000,000	86.8%
2029	492,000,000	98.4%
2030	500,000,000	100%

Unlocked is not the same as liquid. Validator stakes lock tokens for as long as contracts operate, and every fuel charge is burned outright, so liquid supply falls as network usage grows.

Validator Emission

The 40,000,000 XRB validator pool is released as a steady per block drip anchored to Bitcoin, running for five years from the start of 2026. Emission never exceeds 1.6% of total supply in any year, and once the pool closes in early 2031 issuance ends permanently. From that point onward every burned token is a net reduction in supply.

Metric	Value
Per Bitcoin block (~144 per day)	~152 XRB
Per day	~21,900 XRB
Per year	~8,000,000 XRB (1.6% of supply)
Pool exhausted	Q1 2031
Issuance thereafter	Zero, permanently



Executive Summary

The Orobit Reward is the primary credit of the Orobit ecosystem. It represents the success of the Orobit protocol and community, serving as both a store of value and the primary Orobit Reward for all transactions within the protocol. As the protocol grows and attracts more users, the demand for Orobit is expected to increase, which could positively impact its value.

Orobit Reward Info

Total Supply:	500,000,000
Ticker:	XRB
Chain:	Bitcoin
Supply Floor:	300,000,000
Maximum Ever Burned:	40% of supply

Orobit Reward Topology and Utility

Orobit heralds a novel approach in decentralised application development, employing a proprietary UTxO-based contract execution framework named Simple Contract Language (SCL). This multi-layer (Layer 1 and Layer 2) solution is compatible with UTxO-capable chains such as Bitcoin, representing a significant evolution in decentralised financial infrastructure.

Alongside, the Orobit suite includes a low-fee, high efficiency decentralised trade and auction module, facilitating decentralised swaps directly on the Bitcoin blockchain. The unique SCL standard, developed by Orobit, supports new projects and is integral to the SCL Trade and Wallet functionality.

XRB has three roles inside the network. It unlocks and rewards validators, it stakes contracts into fuel tiers that set their execution capacity, and it is the asset burned to pay for complex execution. Each role removes tokens from liquid supply, either temporarily through stakes or permanently through burns.

Validation Ecosystem

Validators are pivotal to the Orobit ecosystem, by validating smart contract states, and allowing the validation of SCL data. Validators replay every contract execution deterministically, with validation rounds seeded from Bitcoin block hashes. Validators are rewarded from the five year emission pool alongside a range of sustainable fee mechanisms derived from SCL products.

Validators

All trades within the Orobit ecosystem generate fees. Fee collections are routed to Orobit validators. These fees are generated from the following activities: Swap Fees, Dex Trading Fees, Extension Trading Fees, SCL Treasury Fees and Minting Fees.

The Fuel System

Every SCL execution is metered. The virtual machine counts each instruction as it runs, records cross contract calls, and tracks net storage written, producing a receipt that every validator replays and verifies. There is no per opcode gas table. One opcode is one instruction, which keeps replay deterministic and verification cheap.

The free envelope

Every call, at every tier, includes a free envelope of 200 instructions, one cross contract hop, and 1 KB of net new storage. A plain token transfer uses around 65 instructions, so simple operations such as transfers, balance updates and basic mints run free forever with roughly three times headroom.

Fuel prices only what exceeds the envelope, which means users of a token never pay to move it. Charges apply to the contract that initiates complex work, not to the people transacting through it.

What is priced

Beyond the envelope, three signatures of complexity are metered:

Dimension	Rate	What it prices
Instructions beyond 200	0.001 XRB per 1,000 (rounded up)	Real logic: claims, loops, batch compute
Cross contract hops beyond 1	0.001 XRB per hop	Composition and call chains
Net new storage beyond 1 KB	0.01 XRB per KB (deletions credit)	Bulk writes: airdrops, snapshots
Cap per call	1% of the contract's stake	A bounded worst case, always

Charge per execution

```
raw    = ceil(excess_instructions / 1,000) × 0.001
       + (hops - 1) × 0.001
       + ceil(excess_storage_KB) × 0.01

charge = min( raw × decay_multiplier, 1% of stake )
```

Every charge is burned in full. Total supply is decremented on chain and the burn is recorded as a public event. Nothing is redistributed and nothing is collected. The decay multiplier is defined on page 8.

Fuel Tiers

Contracts stake XRB to set their execution capacity. The stake is refundable on wind down and doubles as the reserve that charges burn against, so it works like a prepaid fuel tank. An unstaked contract can never owe anything: it simply halts at the envelope if it attempts complex work.

Tier	Stake	Instructions per call	Hops	Storage	Call depth	Burn cap per call
T0	Free	200	1	64 KB	8	None possible
T1	50 XRB	100,000	4	256 KB	64	0.5 XRB
T2	500 XRB	500,000	16	1 MB	128	5 XRB
T3	5,000 XRB	1,000,000	64	4 MB	192	50 XRB

The two limits pull in different directions by design. Complexity burns: multi hop composition, batch compute and bulk writes are metered per call. Growth locks: every new user adds a small amount of permanent state, so a contract with real traction steadily fills its storage quota and stakes up a tier. A project pays in refundable lockup as it grows and in burn only when it does complex work.

Burn Schedule

Representative call profiles at the launch multiplier:

Call profile	Burn
Token transfer, simple mint (within envelope)	Free
Vesting claim or escrow release, ~500 instructions	0.001 XRB
Batch of 10 transfers, ~1,000 instructions	0.001 XRB
Complex swap, ~30,000 instructions, 3 hops	0.032 XRB
Compliance gated mint, ~50,000 instructions, 4 hops, 2 KB	0.063 XRB
Airdrop to 1,000 holders, ~100,000 instructions, 150 KB	Capped at 0.5 XRB (T1)
Multi venue settlement, ~300,000 instructions, 12 hops	0.31 XRB
Maximum batch, 1,000,000 instructions (~9,000 transfers)	1.00 XRB

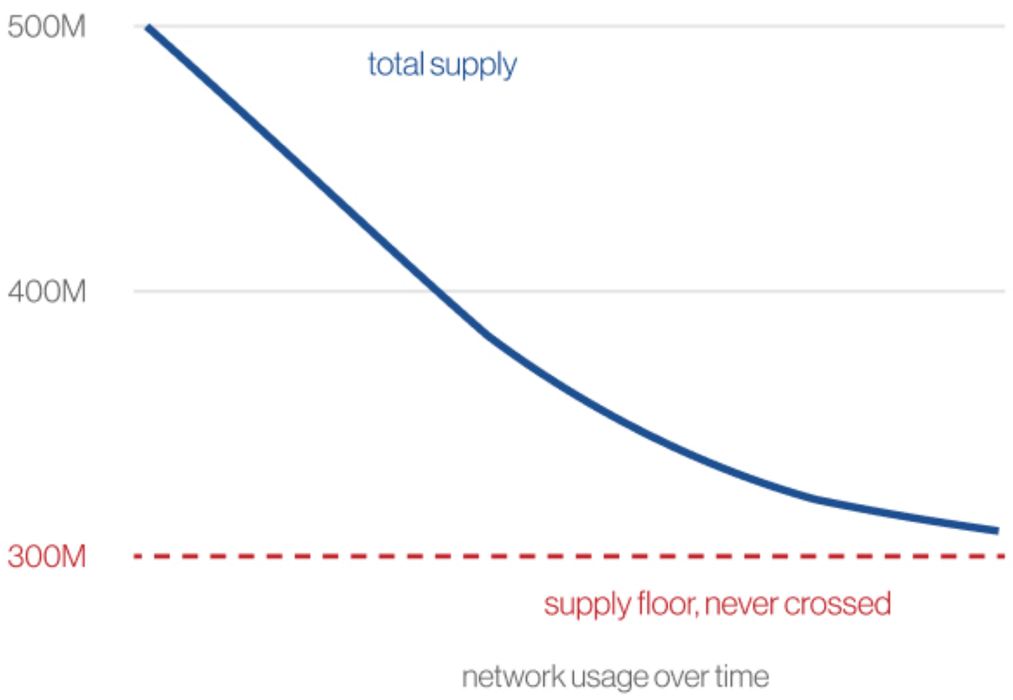
A maximum batch settles roughly 9,000 transfers for a single XRB, close to 0.0001 XRB per settled transfer, and the per call cap means the worst case is always known in advance. High throughput operators get bounded, predictable costs while every charge tightens supply for all holders.

Supply Decay and the Burn Budget

Cumulative burn is hard capped by a fixed burn budget of 200,000,000 XRB, 40% of initial supply, leaving a permanent supply floor of 300,000,000 XRB. Every execution charge is scaled by the fraction of the budget still remaining:

```
multiplier = (total_supply - 300,000,000) / 200,000,000
charge     = base_charge × multiplier
```

At launch the multiplier is 1.0 and charges are exactly as scheduled on page 6. As tokens burn, every later execution burns proportionally less. The budget therefore depletes the way radioactive material decays: each burn consumes a fixed share of what remains, burn per call falls along the same curve as cumulative burn rises, and the two approach their limits together without ever reaching them. The heavier the network is used, the faster burning fades toward zero and the closer XRB comes to a pure fixed supply asset of 300,000,000.



Deterministic by construction

The multiplier is a pure function of one number every node already agrees on: total supply. No clocks, no oracles, no governance votes and no discretionary levers. It is the same class of rule as Bitcoin's halving schedule, a fixed function of chain state that any validator can reproduce from genesis, so the entire decay curve is auditable from public data alone.

Volume up, liquid supply down

The mechanisms compound in one direction. Stakes lock tokens while contracts operate. Burns destroy tokens permanently as complex execution runs. Emission is modest, capped and ends in early 2031, after which any level of usage produces net deflation. Supply can only fall toward the floor, and the floor can never be crossed.

Service Continuity

Each contract keeps two balances: the stake, which fixes its tier and is refundable, and a prepaid fuel balance, which is the only thing charges burn from. A contract that runs its fuel dry is not switched off. It degrades to the free envelope, so plain operations such as transfers and balance reads keep working and holders can always move their assets. Only the contract's complex logic pauses until it is topped up. A low fuel event gives operators advance warning, and because every charge is capped at 1% of stake, remaining runway is always computable in advance.

SCL Standard

The SCL standard allows for any partner product to utilise the decentralised and open sourced technology. There are two options for the use of our contracts: self hosted and Orobit hosted. In the event a partner product wishes to utilise a self hosted contract they will be liable for all hosting, execution and management costs. In the event that a partner wishes for Orobit to provide these services, the contracts and ecosystem will incur a treasury fee.

Orobit's attention to partner support is a primary focus on our network deployment strategy. This allows Orobit to continuously support and host partner run products, smart contracts and Orobit Rewards. This does however incur a 0.1% treasury fee for all partner products to cover the hosting fees, paid to Orobit Validators.

Orobit has a range of carefully curated partner ecosystems that it will be launching with.

Governance and Foundation Oversight

A robust governance mechanism is one of the most critical aspects of any decentralised project. As Orobit has been allocated a substantial portion of the total Orobit Reward supply (13% to the Orobit Foundation), a governance mechanism is critical to the decision-making necessary to direct these funds towards future growth and the overall benefit of the Orobit ecosystem.

Governance Participation

Voting Rights: Each Orobit Reward equates to a single vote in governance decisions.

Orobit Reward Utility

PRIMARY LAYER OROBIT REWARDS

Orobit (XRB)

The primary Orobit Reward, Orobit, empowers validators within the ecosystem. Leveraging Orobit's unique technology and the SCL standards, Orobit validators are rewarded with a share of all network-hosted and product fees. Beyond validation, XRB is the working asset of the fuel system: contracts stake it to unlock execution capacity and burn it to pay for complex computation, with every burn permanently reducing total supply.

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