UNIPOLY
COIN

Unipoly Coin Whitepaper
Version 3.0 - April 2025
www.unipolycoin.com
info@unipolygames.com

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1. Executive Summary

Unipoly Coin (symbol: UNP) is a pioneering project in the GameFi and decentralized entertainment space. By leveraging blockchain technology, innovative game design, and diverse decentralized social interaction systems, Unipoly aims to create a scalable, trustworthy, and sustainable income-generating ecosystem. This whitepaper provides a comprehensive overview of the Unipoly ecosystem, UNP tokenomics, token burning mechanisms, decentralized voting systems, and the Unipoly Creator Ecosystem (UCE). It is targeted at both institutional and individual participants.

As of April 2025, Unipoly has achieved significant milestones: a CoinMarketCap ranking of 500, listings on MEXC and CoinW, 1 million game downloads, 100,000 weekly active players, and a vibrant 200,000-member community. With a fixed 1 billion UNP token supply, a dynamic burning mechanism, and migrations to scalable blockchains (e.g., SKALE, Solana), Unipoly ensures economic stability and accessibility.

https://coinmarketcap.com/currencies/unipoly/

https://www.coingecko.com/en/coins/unipoly

2. Introduction to the Unipoly Coin Project

2.1. The Rise of GameFi

The rise of GameFi has transformed digital entertainment by blending gaming with decentralized finance, enabling users to earn through play and creation. Unipoly Coin (UNP), launched in October 2023, is a leader in this space, offering a multi-faceted ecosystem that integrates gaming, decentralized social media (UniTribe), and a creator-focused platform (Unipoly Creator Ecosystem, UCE). Unipoly empowers users to earn sustainable income, build Web3 applications, and govern the ecosystem through a decentralized autonomous organization (DAO).

2.2. Vision and Strategic Objectives

Vision: Unipoly envisions a future where the lines between gaming, social interaction, and digital economy are blurred. Users will no longer be passive consumers but active contributors, developers, and stakeholders.

Mission:

- Deliver revenue-generating entertainment via games and decentralized media
- Build a transparent, secure, and scalable ecosystem for creators, gamers, and global users
- Empower developers with Web3 and AI tools to rapidly create Web3 products
- Establish a sustainable and smart economic model with utility tokens and burn mechanisms

Core Values:

- **Digital Ownership:** Users fully own their in-game items, NFTs, and rewards
- **Decentralization:** Governance and policy-making are community-driven via DAO
- **Transparent Monetization:** Revenue models are based on real user engagement and traceable
- **Technology First:** Utilizing multi-chain infrastructure, AI, and modular architecture

Strategic Objectives:
Acquire at least 10 million users by end of 2026
Migrate 40% of tokens to low-cost chains (SKALE, BSC, Cardano, Solana)
Fully deploy the Unipoly Creator Ecosystem (UCE)
Enhance AI-driven social interaction in UniTribe
Launch staking-based decentralized voting system
Strengthen token economy via burning, staking, and in-ecosystem revenue

3. Project Overview

3.1. History and Key Milestones

Since its inception in October 2023, Unipoly Coin has achieved numerous milestones:

- Smart contract verification completed in October 2023
- Full security audit score by BlockSafu
- Listed on reputable exchanges such as CoinW and MEXC
- 10% of tokens migrated to SKALE for fast and gas-free transactions
- Kuki gaming platform launched with over
- Development of decentralized social platform UniTribe

These achievements provide a strong foundation for the project's future growth.

3.2. The Unipoly Ecosystem

Unipoly Coin was developed with the goal of providing a secure, transparent, and dynamic platform that integrates gaming, social interaction, and digital economy. Built on the concept of "GameFi," it merges gaming experiences with decentralized finance (DeFi) models. UNP empowers users not only to earn through gaming and social engagement but also to take part in decision-making and shaping the future of the project.

Key Features:

- Triple integration: Gaming, social community, and digital economy
- Based on Ethereum blockchain with plans for multi-chain migration
- Web3 tools for both users and developers
- Intelligent reward and burn algorithms
- DAO-based decentralized decision-making structure

4. Unipoly Chain Architecture

4.1. Strategic Alignment with Unipoly Ecosystem

Unipoly Chain is an open-source Layer 1 blockchain platform tailored to power the Unipoly Coin ecosystem. Designed with modularity and extensibility in mind, it leverages foundational principles from Bitcoin while introducing cutting-edge hybrid consensus, a lightweight virtual machine, and a robust suite of developer tools. Written in C# on the .NET Core framework, Unipoly Chain serves as the backbone for secure, scalable, and decentralized gaming and creator experiences, integrating seamlessly into the UNP economy and DAO governance model.

This blockchain architecture is integral to the operation of Unipoly Coin's full ecosystem:

- It powers token transfers, staking, DAO voting, and smart contract applications within the Unipoly Creator Ecosystem.

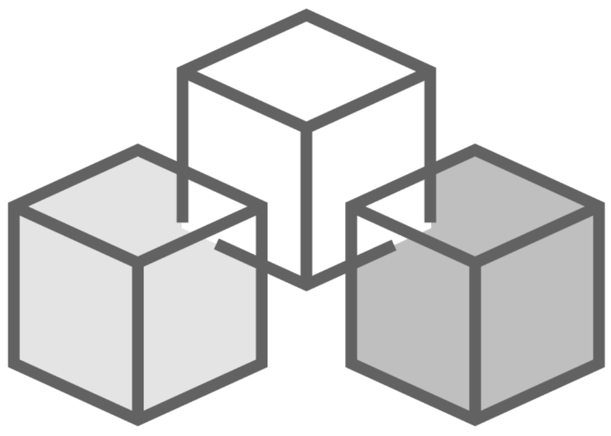
- It supports scalable GameFi infrastructure via on-chain rewards and NFT marketplaces.

- It ensures sovereignty and adaptability by enabling other game studios to deploy custom chains within the network.

Through this architecture, Unipoly Chain not only meets the technical needs of a modern Web3 platform but also embodies the project's vision of a decentralized, creator-driven economy.

4.2. Core Blockchain Architecture

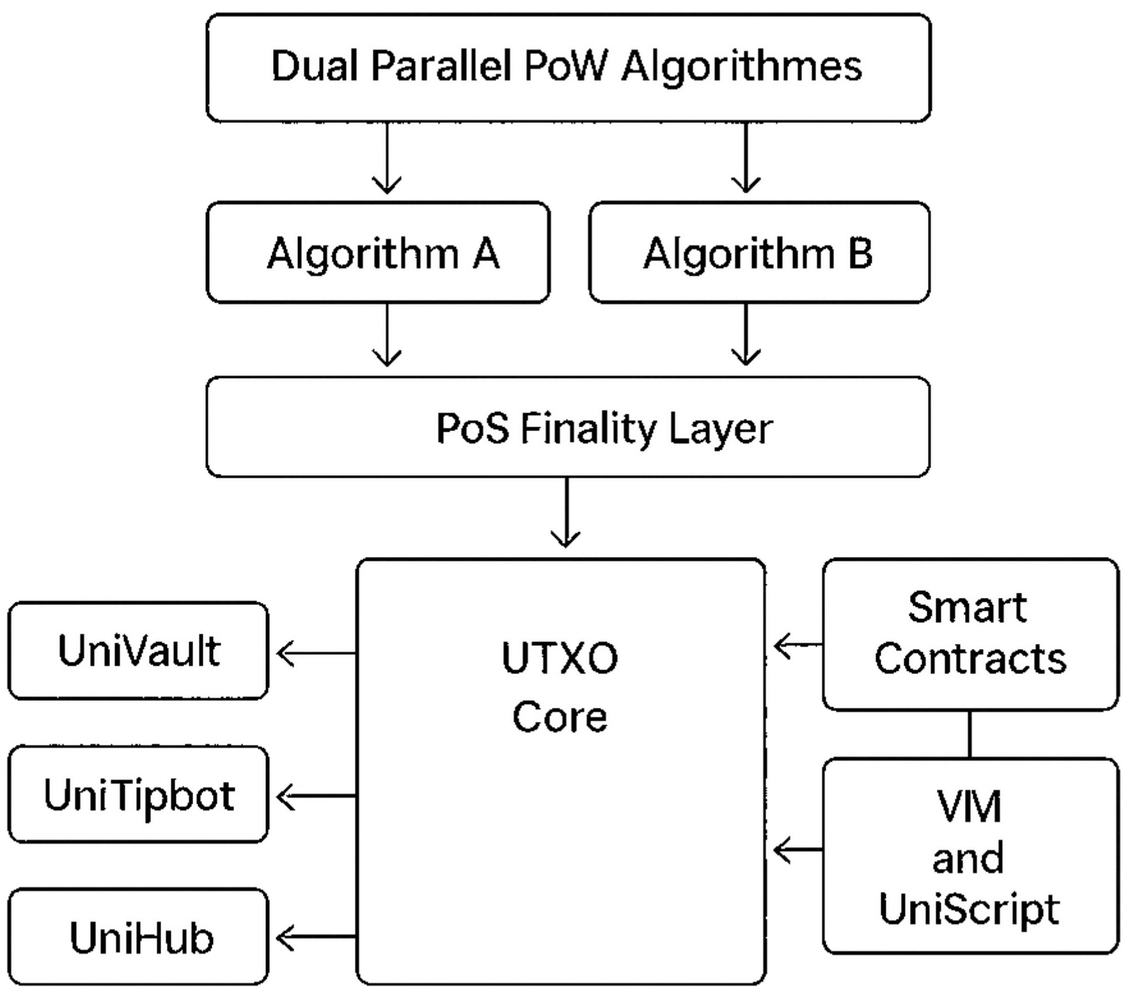
At its foundation, Unipoly Chain is a UTXO-based blockchain node that maintains full transaction history and ensures immutable recordkeeping. It is complemented by an integrated indexer that transforms blockchain data into a searchable format, powering interfaces like block explorers, wallets, and analytics dashboards.



4.3. Hybrid Adaptive Consensus Model

To meet the high-performance demands of Web3 gaming and decentralized content creation, Unipoly Chain adopts a hybrid adaptive consensus model consisting of the following components:

- Dual Parallel Proof-of-Work (Dual PoW):
- Two distinct mining algorithms function concurrently, enabling diversity in mining hardware.
- Each algorithm adjusts difficulty independently, contributing to a cumulative block weight. • Chains are validated based on heaviest cumulative difficulty rather than length alone, ensuring resilience and inclusivity.
- Proof-of-Stake Finalization Layer:
- In parallel, PoS validators finalize blocks using a stake-weighted voting system.
- Validator votes are proportional to UNP staked and commitment duration.
- Integration with the DAO ensures governance and consensus are tightly coupled.
- Smart Checkpoints:
- Periodic snapshots are anchored on-chain to create recovery points.
- Generated by smart contracts, these checkpoints secure historical consensus states and simplify light client validation.
- Weight-Adjusted Finalization:
- Final chain progression considers both PoW difficulty and validator reputation.
- This model ensures energy efficiency while maintaining resistance to manipulation.



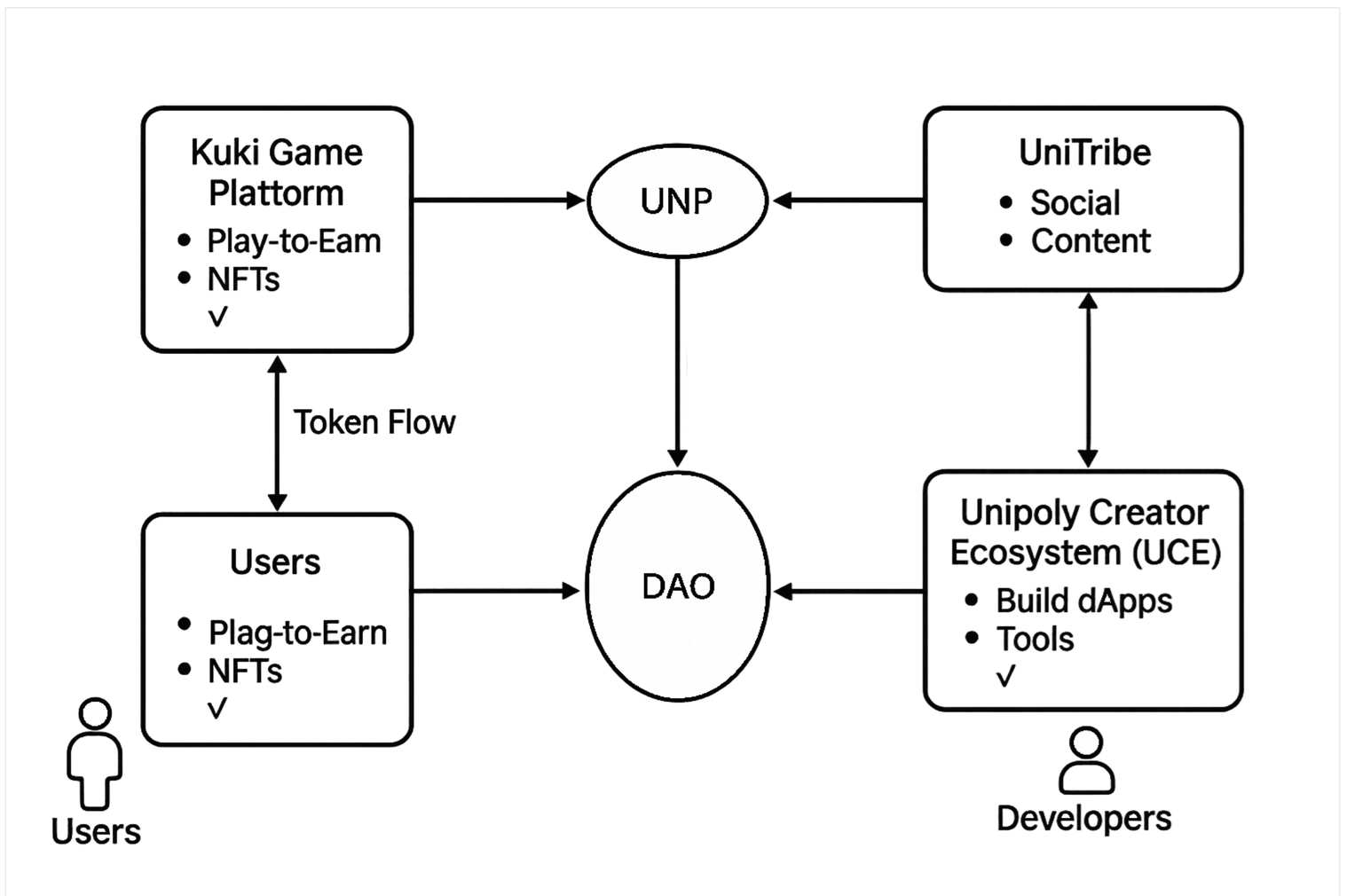
4.4. Smart Contract Layer & Virtual Machine
Unipoly Chain supports decentralized application logic through its custom-built eUTXO-based virtual machine:

- UVM (Unipoly Virtual Machine): A lightweight, gas-metered, IL-based environment tailored for deterministic execution.
- UniScript: A domain-specific contract language, inspired by C#, with support for functional and secure programming constructs.
- Execution Model: Stateless validation of smart contracts attached to individual UTXOs, compatible with modular composability.
- Tooling: Developers utilize UniStudio (IDE), Bytecode Generators, Gas Estimators, and a live testnet to create, debug, and deploy contracts efficiently.

4.5. Developer & User Tools

To foster widespread adoption and ease of use, Unipoly Chain includes:
- Unipoly Chain Extension: A non-custodial browser wallet with indexer integration.
- Unipoly Hub: Full-node client with enhanced privacy and staking support.
- Unipoly Tipbot: A custodial service for micro-transactions across social platforms.
- Unipoly Vault: Decentralized identity and data storage layer supporting DID standards and NFT credentialing.

5. Ecosystem Components
5.1. Games and the Kuki Platform
The Kuki gaming platform is the backbone of Unipoly Coin’s GameFi division. As of April 2025, it supports over 300 diverse games and rewards players via a Play-to-Earn model.



- Cross-platform experience: Available on web, Android, and iOS
- UNP rewards: Players earn UNP by participating in tournaments, scoring points, and achieving in-game milestones
- NFT Integration: In-game assets such as skins, weapons, and characters are minted as NFTs, tradable on marketplaces

Notable Titles:

- Raidfield 2: Tactical shooter with NFT mechanics
- Raidfield 3: Advanced sequel with upgraded graphics engine (launching Q4 2025)
- Six Cube Mystery: Innovative puzzle game with on-chain rewards

5.2. UniTribe Decentralized Social Platform

UniTribe is the first Web3 social network designed for both mainstream users and blockchain enthusiasts. All interactions—likes, posts, ads, comments—are cryptographically incentivized.

Key Features:

- Integrated Wallet: Users receive an Skale wallet upon registration
- Automated Earnings: All social actions generate UNP rewards
- AI-Based Ranking System: Optimizes content visibility and recommendations
- Airdrop Program: Starting Q3 2025 with four community missions planned through 2026

Unipoly.io: AI Assistant for Social Interaction
UniTribe will be enhanced by a proprietary AI module named Unipoly.io, acting as an intelligent social assistant within the decentralized platform. Inspired by solutions like Grok in Twitter (X), Unipoly.io will analyze on-chain and social activity in real-time to provide users with personalized content suggestions, trending insights, AI-generated memes, and context-aware engagement prompts.
As an opt-in plugin, Unipoly.io promotes conversational participation, AI-supported post drafting, community analytics, and interactive Q&A—boosting both engagement and discoverability across the UniTribe network.
5.3. Unipoly Creator Ecosystem (UCE)
UCE is a comprehensive, decentralized platform that enables users to develop Web3 applications without coding skills. By combining AI, simplified tools, and DAO governance, it redefines digital creation.

Main Components:
- dPanel: Smart contract builder, UI/UX designer, live testing tools
- DLib: Pre-built modules including DAOs, wallets, NFT markets
- UniBigData: User behavior analytics for AI training and developer insights
- Governance System: Enables app publishing, auditing, and grant funding via DAO

UNP Utility within UCE:
- Access to tools and modules
- Grant and loan eligibility
- Proposal voting rights
- Revenue share from launched apps

5.4 Gabby Birds: Decentralized Social & Dating Platform
Gabby Birds is the first decentralized dating application featuring the most comprehensive modern social media functionalities, including post sharing, reels, stories, live streaming, and direct integration with Web3 wallets.
Challenges in Traditional Dating and Social Media:
•Data ownership issues
•Lack of transparency in filtering and selection
•Absence of income-generating opportunities for users
•Weak and disorganized user classification
Gabby Birds: The Answer to New Demands:
•Full profile and Web3 wallet migration from UniTribe
•Complete ownership of personal data, NFTs, and tokens
•Advanced filtering options (language, nationality, location, interests)
•User ranking based on the number of followers in UniTribe
•Ability to upgrade access levels by holding UNP tokens
•Web3 wallet sharing to privatize interactions and generate direct income

6. UNP Tokenomics

6.1. Supply and Distribution Structure

The UNP token is the economic backbone of the Unipoly Coin project. All financial transactions, rewards, voting processes, and payments within the ecosystem are executed through UNP. Its tokenomics are meticulously designed for long-term sustainability, value creation, and inflation prevention.

Total Supply:

- 1,000,000,000 UNP (One Billion Tokens)
- All tokens are fully locked within the smart contract with no possibility of minting additional tokens.

Allocation Overview:

Category	Allocation %	Token Amount (UNP)
Public and Private Sale	30%	300,000,000
User Rewards (P2E, Staking, Airdrops)	30%	300,000,000
Game and Platform Development	20%	200,000,000
Blockchain Development & R&D	20%	200,000,000

6.2. Vesting Schedule through 2036All tokens follow a smart contract-enforced vesting plan to prevent inflation and ensure gradual token release.

Sample Vesting Table:

Category	Total %	Duration	Start	End	Status
Public Sale	25%	13 years	2023	2036	Active
Private Sale	5%	13 years	2023	2036	Active
Liquidity Pool	10%	12 years	2024	2036	Active
Game Rewards	20%	12 years	2024	2036	Active
Staking	9%	12 years	2024	2036	Active
Airdrops	1%	11 years	2024	2035	Active
Founding Team	10%	10 years	2024	2033	Active
Core Team	5%	10 years	2024	2033	Active
Marketing	5%	10 years	2024	2033	Active
Blockchain Dev	5%	3 years	2024	2026	Active
Labs & R&D	5%	3 years	2024	2026	Active

6.3. Multi-Chain Migration

To enhance scalability and reduce transaction fees, UNP tokens are being migrated across several blockchains.

Migration Timeline:

- **SKALE:** December 2024 – 10% of tokens
- **Solana:** Q2 2025 – 5%
- **Arbitrum 1:** Q3 2025 – 5%
- **Binance Smart Chain:** Q3 2025 – 10%
- **Cardano:** Q4 2025 – 10%

In total, 40% of tokens are allocated for multi-chain integration to support cross-chain interactions and optimize user experience.

6.4. Token Burning Mechanism

The Unipoly Coin token burning mechanism is a strategic tool designed to preserve value, introduce scarcity, and ensure long-term economic sustainability. This process will be executed annually from 2026 to 2036, based on a smart algorithm using three key performance indicators.

6.5. Triple Dynamic Formula

The percentage of tokens to be burned each year is determined by the weighted average of the following three metrics:

. **Price Performance:** If the token price increases by more than 100% compared to the average of Q1 from the previous year → 10% burn rate

. **Number of New Applications:** The fewer new apps launched within the ecosystem, the higher the burn rate (e.g., 0 new apps → 10%)

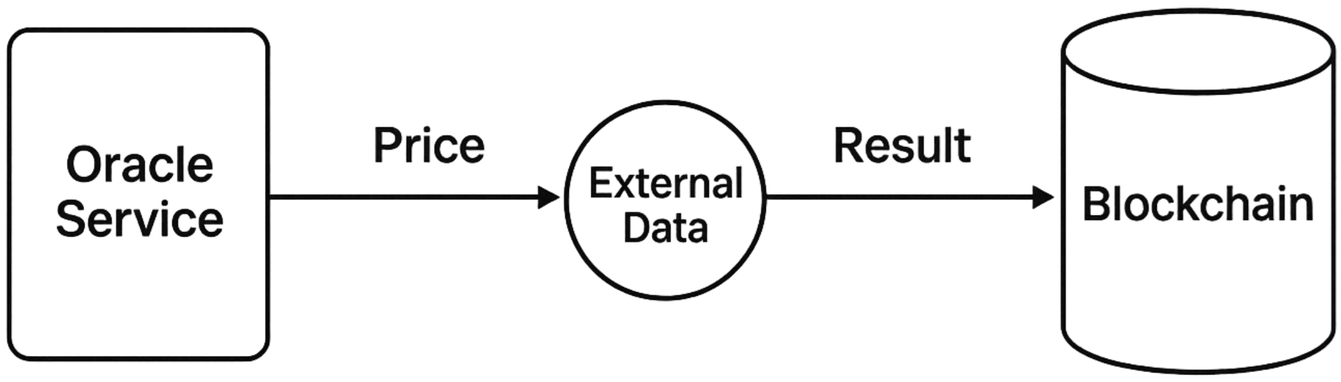
. **Community Growth:** If annual user growth is zero, then 10% of tokens are burned; otherwise, the burn rate decreases proportionally to the growth rate

Final Formula: Burn % = (Price Factor + App Factor + Community Factor) / 3

6.6. Smart Annual Burn Algorithm

Each year, based on the recorded performance data in the smart contract, the corresponding burn percentage is calculated and applied to that year's unlocked tokens.

Sample Table:



Year	Tokens Unlocked (UNP)	Avg. Burn % (3 Factors)	Tokens Burned	Remaining
2026	112,159,687.5	Calculated annually	TBD	TBD
2027	79,051,703.125	Calculated annually	TBD	TBD
...	...	...	...	...
2036	Final Balance	Based on end data	TBD	—

6.7. Smart Contract Implementation

Token burning is executed by a dedicated smart contract. Each year on January 1st, the system automatically calculates the burn amount and sends it to a non-recoverable address within 24 hours.

Core Contract Functions:

. updateYearlyData: Allows owner to input annual metrics (price, app count, user growth)

. calculateBurnPercentage: Determines final burn rate based on the triple dynamic formula

. burnTokens: Transfers the calculated amount to the burn address (e.g., 0xdead)

. **Full transparency:** All transactions viewable on Etherscan

Contract Address: To be announced following official deployment on the Ethereum blockchain

7. Decentralized Voting and DAO Governance

Unipoly Coin integrates a decentralized governance system that allows the community to actively participate in key decisions. This system operates through a Decentralized Autonomous Organization (DAO) framework and relies on the UNP token for governance rights.

7.1. Staking-Based Participation and Voting

To take part in voting, users must stake their UNP tokens in official pools. The weight of each user's vote is determined by two factors:

- Amount of UNP staked
- Duration of the staking period (incentivizing long-term commitment)

This model discourages short-term manipulation and promotes sustainable participation in governance.

7.2. Proposal and Grant Management Portal

A dedicated portal is embedded in the Unipoly Creator Ecosystem dashboard to facilitate proposal management and community voting. Key features include:

- Viewing active proposals and voting timelines
- Displaying individual voting weights
- Full history of votes and final outcomes
- Submitting new proposals (with minimum UNP and qualification requirements)

7.3. Proposal Categories

The proposals submitted for DAO voting are categorized as follows:

Proposal Type	Examples
Technical Upgrades	New features in UniTribe or dPanel
Economic Adjustments	Modifying burn rates or staking rewards
Resource Allocation	Funding UCE-related projects through community grants
Partnerships & Listings	Integrations with new blockchains or centralized exchanges

Participation Incentives:

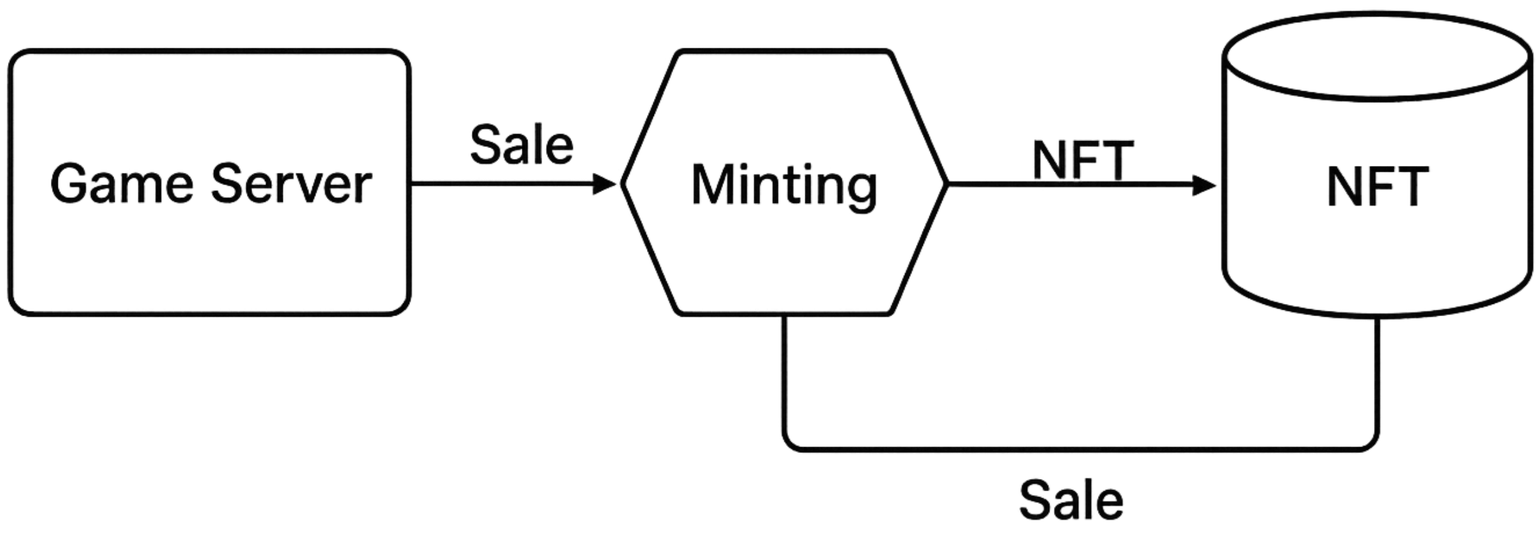
To boost real participation in governance, Unipoly rewards active voters with:

- Partial refund of voting gas fees in UNP
- Revenue sharing from positively voted projects
- Higher user reputation scores within the internal DAO ranking system

This integrated governance framework takes community engagement to the next level by ensuring that strategic decisions are transparent, verifiable, and consensus-driven.

8. Developer Tools within the UCE

The Unipoly Creator Ecosystem (UCE) is not only a platform for users to build Web3 applications but also a comprehensive toolkit for creative developers. These tools, powered by artificial intelligence, enable seamless development, testing, publishing, and monetization without coding knowledge.



8.1. dPanel – AI-Based Development Panel

Key Capabilities:

- Custom Smart Contract Generation: Create contracts by entering basic parameters
- Intelligent UI/UX Suggestions: Generate optimized interfaces based on data analysis
- Live Testnet Simulation: Deploy prototypes and test functionality before launch
- Security Validation: AI-driven security checks for smart contract code

8.2. DLib – Decentralized Software Library

Library Components:
- Pre-built modules: DAOs, NFT marketplaces, Web3 wallets, forums, voting systems
- Plug-and-Play architecture
- Free usage or premium licensing via UNP tokens
- Contributors to module development are rewarded in UNP

8.3. UniBigData – Data Analytics and Collaborative Learning
Features:
- Collects user behavior data to enhance AI recommendations
- Generates ecosystem performance reports for app optimization
- Enables secure data sharing among developers for cross-analysis
- Strengthens machine learning models with real decentralized data

This infrastructure empowers developers to build the next generation of Web3 applications in a self-sufficient and powerful environment.

9. Circular Economy and Intra-Ecosystem Revenue Model
Unipoly Coin is built on a circular economy model where UNP acts as the core utility token across the ecosystem. All stakeholders—including users, developers, and voters—participate in a cycle of value creation, consumption, and redistribution.

9.1. UNP Token Flow in the Ecosystem

- Initial Investment: Users spend UNP to access UCE tools, buy NFTs, vote, or use services
- Consumption in Modules and Games: Tokens are used in games, for item purchases, creating contracts, or acquiring licenses. A portion is redirected to the DAO treasury.

- Revenue Redistribution: Earnings collected via smart contracts are redistributed to:
- App developers
- Voters and stakers
- UCE’s sustainability treasury

9.2. Advantages of a Circular Economy

Benefit	Description
Economic Sustainability	Prevents capital hoarding by distributing value among stakeholders
Incentivized Participation	Rewards users for voting, building, or interacting with dApps
Quality-Driven Income	Revenue is dependent on the performance and adoption of the applications
Independence from Ads	Generates real user-based income without relying on ads or sponsorships

9.3. Developer Incentive Model
UCE incentivizes developers with performance-based rewards. The more users an application attracts, the larger the revenue share it receives from the smart contract pool.
9.4. DAO & Revenue Feedback Loop
- Voters influence key decisions
- Selected projects receive UNP grants from the DAO treasury
- Users interact with and pay for these products
- Revenue flows back to DAO and participating voters

This model ensures every contributor becomes both a consumer and a stakeholder in the project's future value.

10. Project Roadmap (2025–2026)
The Unipoly Coin roadmap outlines the project’s technical, economic, and community milestones for 2025 and 2026. It guides both product development and market engagement phases.
10.1. Completed Milestones
- UNP smart contract verification and full audit by BlockSafu
- Listings on MEXC and CoinW exchanges
- 10% token migration to the SKALE blockchain
- Launch of initial versions of Kuki and UniTribe platforms

10.2. 2025 Timeline

Quarter	Key Milestones
Q1	Launch of Raidfield 3 and Six Cube Mystery; 5% token migration to Solana
Q2	5% token migration to Arbitrum; listing on a Tier-1 centralized exchange
Q3	10% token migration to Binance Smart Chain; two UniTribe airdrops begin
Q4	10% token migration to Cardano; two additional UniTribe airdrops continue

10.3. 2026 Timeline

Quarter	Key Milestones
Q1	Deployment of smart contract-based burn system; airdrop continuation
Q2	Listing on a reputable DEX; UX optimization based on airdrop feedback
Q3	New games added to Kuki platform; UniTribe UI upgrade
Q4	Full DAO system review; roadmap redesign based on performance data

This roadmap ensures a balance between development, community expansion, and economic growth, preparing the project for global scalability and large-scale partnerships.

11. Risks and Mitigation Strategies

Like all innovative blockchain projects, Unipoly Coin faces various risks. Identifying and addressing these risks are central to its resilience and growth.

Technical Risks

Challenge: Bugs in smart contracts or potential security vulnerabilities

Mitigation:

- Multi-layer security audits by BlockSafu and other independent firms
- Modular architecture for seamless network upgrades
- Unipoly Security Asset (USA) plugin for games and apps

Economic Risks

Challenge: High token price volatility and investor skepticism

Mitigation:

- Controlled token supply and deflationary burn model
- Long-term token locking through vesting until 2036
- Staking incentives and DAO-based engagement

Competitive Risks

Challenge: Intense competition in GameFi and Web3 sectors

Mitigation:

- Unique focus on no-code tools and developer-first design
- Integrated game + social + creator tools in one platform
- Enhanced UX through AI and data analytics

Regulatory Risks

Challenge: Evolving global laws, taxation, and crypto restrictions

Mitigation:

- Legal consultation to ensure compliance across jurisdictions
- No service in countries with explicit crypto bans
- DAO-based model to separate the project from central authority

Low Community Participation

Challenge: Reduced user engagement in voting, development, or gaming

Mitigation:

- Incentivized models (P2E, voting rewards, grant programs)
- Ongoing airdrops with mission-based participation
- Simple UX requiring no technical background to join Web3

By addressing these risks, Unipoly Coin positions itself as a secure, sustainable, and reliable Web3 ecosystem.

12. Conclusion and Call to Participation

Unipoly Coin is redefining the GameFi and Web3 landscape by blending technical innovation, financial transparency, entertainment, and decentralization. More than just a cryptocurrency or a game, it offers a full-fledged platform for monetization, product creation, and global collaboration.

From its advanced UNP token design and multi-chain architecture to staking-based voting and no-code development tools, Unipoly is not merely a project—it's a transformative movement.

Why Join Unipoly?

- Gamers: Play and earn simultaneously
- Developers: Build and get rewarded
- Investors: Become a stakeholder in the future of Web3
- Curious Explorers: Read, learn, and interact via UniTribe

We invite you to be a part of this major shift. The opportunity to build a decentralized, entertaining, and rewarding future starts today.

Learn more: unipolycoin.com

Contact the team: info@unipolycoin.com

13. Appendices

13.1. Glossary of Terms

- GameFi: A blend of gaming and decentralized finance, enabling earning through play.
- UNP: Unipoly Coin's native token for transactions, rewards, and governance.
- UCE: Unipoly Creator Ecosystem for no-code Web3 app development.
- DAO: Decentralized Autonomous Organization for community-driven governance.
- UniTribe: Decentralized social platform with incentivized interactions.
- Kuki Platform: GameFi platform with Play-to-Earn games and NFT integration.

13.2. Contact Information

- Website: unipolycoin.com
- Email: info@unipolygames.com
- Social: UniTribe Platform