



# **NexusAiEvo WhitePaper**



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## ***Preface***

Amidst the wave of deep integration between the digital economy and real-world industries, the trusted value-transfer capabilities of blockchain and the intelligent drive of artificial intelligence are emerging as core forces reshaping industry ecosystems and unleashing innovative potential. The NexusAiEvo Evolution Foundation of Korea was born in this context, guided by the mission of “breaking barriers with technology and empowering ecosystems with intelligence.” It is dedicated to building a comprehensive evolutionary hub that bridges cutting-edge technology and diverse applications.

Currently, blockchain technology is transitioning from infrastructure development to industrial application, while the rapid iteration of artificial intelligence opens limitless possibilities for scenario-based innovation. However, the integration of these two technologies still faces challenges such as inadequate technical compatibility, weak business collaboration, and a lack of regulatory frameworks. In this context, the Foundation leverages a top-tier research and development team, including former core technical members of the Kaia chain and key contributors from Samsung SDS’s blockchain laboratory. With “Gekchain” as its foundational blockchain and the “Ai Hyper-Intelligence Core” as its driving engine, the Foundation has established an ecosystem spanning four core sectors: insurance contracts, gaming, RWA/NFT, and football events. This ecosystem aims to bridge technology with applications, the physical with the virtual, and local with global value chains.

This whitepaper systematically outlines the NexusAiEvo Evolution Foundation’s core positioning, technical architecture, business layout, ecosystem mechanisms, and development roadmap. At the technical level, Gekchain provides a secure and trusted infrastructure for all business scenarios with its high concurrency, low latency, and cross-chain compatibility. The Ai Hyper-Intelligence Core drives continuous ecosystem evolution through smart contract optimization, data analytics empowerment, and personalized scenario innovation. At the business level, the four core sectors interact and synergize, forming a closed-loop process



encompassing “technology-assets-business-users.” This not only enables the intelligent evolution of NFT assets and compliant circulation of RWA assets but also ensures ecosystem security through insurance contracts while engaging core users via football events and gaming scenarios.

Simultaneously, the Foundation adheres to the core value of “compliant innovation,” strictly following regulatory policies in Korea and globally. It has established a comprehensive risk control system covering technology, market, and operations, laying a solid foundation for stable ecosystem development. The globally pioneering NAIO parent coin mechanism, with its “appreciation-only” value attribute and scientifically designed deflationary distribution model, creates a win-win value system for ecosystem participants, further enhancing ecosystem vitality.

Looking ahead, the NexusAiEvo Evolution Foundation will advance technology implementation, ecosystem expansion, and global outreach in phases, gradually achieving its goal of evolving from a Korean leader to a global top-tier ecosystem. We firmly believe that through technological innovation, business collaboration, and co-creation within the ecosystem, digitally intelligent ecosystems can benefit more scenarios and users, leading the way in compliant innovation and development for the blockchain and AI industries. Together, we will write a new chapter in value redefinition for the era of the digital economy.

# ***About NEXUSEDGE***

ENEXUSEDGE is driven by the mission of “maximizing on-chain efficiency and reconstructing trusted value networks.” It focuses on the development of high-performance, low-latency, geek-level blockchain infrastructure, integrating the full chain of “public chain infrastructure + compliant financial tools + super application ecosystem.” As a core technical hub connecting Korean industries with the global Web3 market, NEXUSEDGE is characterized by three key attributes: “technological geekism, ecosystem inclusivity, and global compliance.”

## **1.1 Company Overview**

NEXUSEDGE was founded in 2022 in Seoul’s Gangnam Technology Park, South Korea. It was co-founded by former core technical members of the Kaia chain, key personnel from Samsung SDS’s blockchain laboratory, and fintech experts from Kookmin Bank. The company received initial investment from Kakao Ventures and the Korea Blockchain Industry Fund, with seed funding reaching 120 billion KRW.

The team consists of 180 members, 80% of whom are technical R&D personnel, including 25% with doctoral degrees. Core members possess over five years of experience in blockchain infrastructure or financial compliance. The Chief Technology Officer (CTO) previously led the optimization of Klaytn’s consensus mechanism, achieving a threefold increase in TPS.

Blending Korean corporate collectivism with a geek-inspired innovative spirit, NEXUSEDGE emphasizes collective goals such as “team collaboration to tackle technical challenges” while also establishing a “Geek Innovation Lab.” This allows R&D staff to dedicate 20% of their working hours to exploring cutting-edge technologies like zero-knowledge proofs and cross-chain integration. The company implements a “Technical Contribution Points System,” where core R&D achievements can be directly exchanged for equity, breaking away from the hierarchical constraints of traditional conglomerates.

Headquartered in Seoul, NEXUSEDGE has established an Asia-Pacific operational



center in Singapore, a European compliance center in Liechtenstein (leveraging the region's mature licensing system), and technical collaboration offices in Beijing and Tokyo to connect with global developer ecosystems and compliance resources.

## 1.2 Core Technologies and Product Portfolio

### (1) Underlying Public Chain: NexEdgeChain

**Technical Highlights:** Based on an improved Istanbul BFT consensus algorithm, NexEdgeChain achieves 1-second block confirmation and a peak TPS of 5,000+. It is EVM-compatible, supporting seamless cross-chain integration of Ethereum ecosystem assets. The chain introduces an innovative “layered execution architecture,” separating the consensus layer from the application layer. This ensures public chain decentralization and security while providing enterprise clients with dedicated service chains to meet high-concurrency business needs.

**Core Advantages:** By leveraging zero-knowledge proofs and trusted execution environments, NexEdgeChain enables on-chain data privacy protection, addressing data-sharing challenges in sensitive sectors like finance and healthcare. It also offers a developer-friendly SDK toolkit, lowering the barrier to MiniDapp development and supporting direct deployment on popular Korean social platforms such as KakaoTalk and LINE.

### (2) Core Products: Three Compliance Solutions

**NexPay Stablecoin System:** In partnership with Woori Bank and Shinhan Bank, NexPay adopts a “deposit token model” to issue a compliant Korean Won stablecoin (KRW-N), backed by bank reserves. It supports real-time fiat conversion in over 200 countries and has been integrated into more than 100,000 offline merchants in Korea, enabling seamless “on-chain payment + offline consumption.”

**NexTrust Asset Custody Platform:** Licensed in Canada and the Philippines, NexTrust manages over \$200 million in assets, offering dual custody services for virtual assets and fiat. Its built-in smart contract audit system automatically detects vulnerabilities, reducing security incident rates by 60% compared to the industry average.



NexTrade Financial Derivatives Tools: Leveraging Korea's forex trading expertise, NexTrade offers low-barrier blockchain options products, allowing users to participate by holding tokens without complex registration processes. It also provides compliant solutions for Security Token Offerings (STOs), having completed asset tokenization financing for three Korean SMEs.

### (3) Ecosystem Empowerment: NexWave Developer Program

In collaboration with LINE NEXT, the NexWave Developer Program offers SDK tools, Gas fee subsidies, and funding of up to 100 million KRW to participating teams. It has attracted over 500 global teams, spanning sectors such as finance, supply chain, and digital identity. The “Dapp Portal” allows users to directly access ecosystem applications via LINE Messenger for asset trading and rights redemption. The ecosystem now boasts over 2 million monthly active users.

### 1.3 Business Model and Market Performance

NEXUSEDGE maintains a diversified and robust revenue structure, encompassing enterprise blockchain solution service fees, stablecoin conversion charges, asset custody fees, and ecosystem transaction commissions. In 2024, revenue surpassed 80 billion KRW, achieving 150% year-on-year growth. The company's market competitiveness continues to strengthen, capturing 22% of Korea's enterprise blockchain solutions market, second only to Samsung SDS. Its compliant KRW-N stablecoin holds over 30% of the Korean stablecoin trading volume and has become the preferred tool for SMEs in cross-border payments.

Partnerships continue to expand, including strategic collaborations with Korean banks and joint projects with LG Electronics and Hyundai Motor to apply blockchain technology in automotive supply chain traceability and new energy asset trading. Additionally, a cross-chain partnership with China's “Spark Chain Network” has enabled integration with China's blockchain government data network, further broadening opportunities in cross-border trade.

### 1.4 Future Strategy (2025–2027)

Looking ahead, NEXUSEDGE will focus on three core strategic directions:

Technological Advancement: Prioritizing R&D in “AI + Blockchain” integration to **NexusAiEvo**



enhance on-chain data processing efficiency and smart contract automation, with a target TPS of over 10,000 to solidify technological leadership.

**Ecosystem Expansion:** Concentrating on the Southeast Asian market by leveraging LINE's vast user base in Indonesia and Thailand to promote MiniDapp ecosystems, aiming to reach over 10 million ecosystem users by 2026.

**Compliance Deepening:** Actively pursuing compliance licenses in regions such as the EU and Japan, striving to become the first Korean blockchain company with compliance coverage across major Asian, European, and North American markets. The company will also participate in the Bank of Korea's CBDC pilot projects to seize policy opportunities and lay a solid foundation for global business growth.

# I. Foundation Overview

## 1.1 Foundation Name

The full name of the foundation is **한국 넥서스 에이이보 진화기금회** (Korean NexusAiEvo Evolution Foundation). Its naming carries profound logic: “Nexus” (넥서스) signifies a “connecting hub,” accurately reflecting the closed-loop ecosystem nature encompassing multiple sectors such as insurance contracts, gaming, RWA/NFT, and football events. “AiEvo” (에이이보) combines “Ai (Hyper-Intelligence Core) + Evolution,” highlighting both its intelligence-driven core characteristic and the underlying potential for continuous ecosystem growth and upgrading. The Korean pronunciation is smooth and natural, aligning with the concise and professional naming style typical of Korean technology-focused foundations. Simultaneously, it allows Chinese, English, and Korean audiences to quickly associate with the core positioning of “intelligent ecosystem evolution.”

## 1.2 Foundation Mission

With Gekchain technology as its foundational support and leveraging the Ai Hyper-Intelligence Core, the foundation is dedicated to building an “all-ecological evolution hub” where technology, business, and value coexist symbiotically. It aims to drive the digitalization and intelligent transformation in fields such as insurance contracts, gaming, RWA/NFT, and football events, achieving deep integration of cutting-edge technology with both physical and virtual scenarios. Ultimately, it seeks to empower ecosystem participants to realize value co-creation and sustainable growth.

## 1.3 Foundation Vision

The foundation’s vision is to become a globally leading blockchain + Ai all-ecological evolution platform. It aims to break down barriers between traditional industries and the digital economy, creating a recyclable, highly adaptable, and continuously evolving value network. By enabling digital ecosystems driven by intelligent technology to benefit more



scenarios and users, the foundation aspires to lead new industry paradigms in RWA implementation, NFT innovation, and smart contract applications.

## 1.4 Core Values

The foundation's core values encompass four dimensions:

**Technology Empowerment:** Building upon the security and high efficiency of Gekchain and the precision of the Ai Hyper-Intelligence Core to provide the core driving force for the entire business ecosystem.

**Ecological Symbiosis:** Constructing a closed-loop, interconnected multi-business system to foster synergistic development across sectors such as insurance, gaming, sports, and digital assets, achieving win-win outcomes for all ecosystem participants.

**Continuous Evolution:** Staying at the forefront of technological trends in blockchain, Ai, RWA/NFT, and other areas, and promoting the ongoing upgrade of ecosystem models, business forms, and value systems.

**Compliant Innovation:** Exploring the compliant application of cutting-edge technologies within the regulatory frameworks of Korea and relevant global jurisdictions to ensure ecosystem security and protect participant rights and interests.

# ***II. Core Technology Architecture***

## 2.1 Foundational Technology: Gekchain

Gekchain serves as the core technological foundation of the Foundation's ecosystem. With three primary advantages, it precisely meets the implementation needs of all business scenarios:

In terms of performance, through the innovative application of sharding technology and sidechain architecture, it achieves transaction processing capabilities of tens of thousands of transactions per second (TPS). This robust performance fully supports the efficient operation of high-frequency scenarios such as game interactions, real-time on-chain football match data,



and rapid execution of insurance contracts.

Regarding security, it builds an immutable data system based on cryptographic algorithms, with smart contracts executing automatically and being fully traceable. This provides solid security and credibility assurances for critical processes like RWA asset verification, NFT transactions, and insurance contract fulfillment.

On compatibility, it possesses cross-chain interaction capabilities with mainstream public and consortium chains. This enables the seamless cross-scenario flow of digital assets (NFTs) and physical assets (RWA), providing essential technical support for building a multi-business, closed-loop ecosystem.

## 2.2 Core Engine: Ai Hyper-Intelligence Core

The Ai Hyper-Intelligence Core is the key driving force behind the ecosystem's "continuous evolution," deeply penetrating and empowering various business sectors:

In the realm of smart contracts, it utilizes machine learning algorithms to automatically detect contract vulnerabilities and optimize contract logic, significantly enhancing the precision of risk pricing for insurance contracts and the interaction smoothness of game contracts.

For data value mining, it integrates multi-dimensional information such as game user behavior, insurance risk data, football match data, and RWA/NFT transaction data. This allows for building precise user profiles and market trend models, providing scientific decision-making support for business iteration and asset pricing.

In empowering scenario innovation, it can generate dynamic storylines and intelligent NPCs for games, offer professional data analysis and prediction services for football matches, and endow NFT cards with personalized attributes and unique evolution paths, comprehensively enhancing the user experience.

Regarding RWA asset implementation, Ai technology facilitates the value assessment, dynamic monitoring, and digital mapping of physical assets like football club equity and sports event IPs, effectively promoting the compliant implementation and efficient circulation

of RWA assets.

### 2.3 Ecosystem Architecture: The NexusAiEvo All-Ecosystem Hub

The Foundation, powered by the dual engines of "Gekchain + Ai Hyper-Intelligence Core," constructs the NexusAiEvo All-Ecosystem Hub characterized by "multi-business connectivity, full-process closed loop, and continuous evolution." Its core is divided into four synergistic sectors:

The Technology Layer uses Gekchain as the foundational support and the Ai Hyper-Intelligence Core as the intelligent driver, jointly establishing a secure, efficient, and intelligent technological base.

The Asset Layer encompasses RWA (digitization of physical assets) and NFT (verification of virtual asset rights), forming the core value carriers of the ecosystem and enabling the integrated flow of virtual and physical assets.

The Business Layer focuses on three key scenarios: insurance contracts, gaming, and football events, serving as the primary vehicles for value realization and user engagement within the ecosystem.

The User Layer includes all ecosystem participants such as users, developers, and partners. Through Ai empowerment and blockchain incentive mechanisms, it facilitates value co-creation and sharing within the ecosystem. All sectors mutually empower each other, forming a virtuous, circular ecosystem.

## ***III. Core Business Segments***

### 3.1 Intelligent Insurance Contract Business

The Intelligent Insurance Contract business leverages Gekchain smart contracts and the Ai Hyper-Intelligence Core as its technical foundation, aiming to create a "transparent, efficient, and precise" digital insurance ecosystem. Its core products focus on personalized needs, offering diverse insurance types such as NFT asset insurance, RWA asset insurance,



and gaming account security insurance based on user behavior and asset data. Key advantages include the Ai Hyper-Intelligence Core's ability to automatically perform risk assessment and pricing, and smart contracts that automate the entire process of underwriting and claims settlement without third-party intervention. This significantly reduces operational costs while improving claims efficiency. Blockchain technology ensures that insurance data is immutable, effectively preventing fraud and protecting the rights of both insurers and policyholders. From an ecosystem synergy perspective, this business segment collaborates closely with the RWA/NFT segment, providing professional risk protection for digital and physical assets within the ecosystem, thereby enhancing the security and credibility of asset circulation.

### 3.2 Ai + Blockchain Gaming Business

The Ai + Blockchain Gaming business centers on "evolvability, high interactivity, and strong value" to build an immersive digital gaming ecosystem. In terms of core gameplay, it deeply integrates NFT cards with Ai technology, launching game products featuring "dynamic evolution attributes." Players can continuously enhance the level and value of NFT cards through various means like gameplay interaction and event participation. The in-game economic system is built on Gekchain, allowing virtual assets such as items and cards to be freely traded and transferred, realizing the dual value of "entertainment" and "asset appreciation." Its core strengths lie in technological empowerment and asset security. The Ai Hyper-Intelligence Core can generate dynamic storylines, intelligent NPCs, and personalized quests, greatly enhancing interactive experiences. Blockchain technology ensures the uniqueness and verifiable ownership security of in-game assets, with the evolution paths and transaction history of NFT cards being fully traceable, reinforcing asset scarcity and perceived value. Regarding ecosystem synergy, it partners with the Football Events segment to launch football-themed NFT game cards, whose attributes are tied to real-time match data. It also collaborates with the Insurance Contracts segment to provide security insurance for gaming accounts and NFT cards, effectively mitigating user asset risks.

### 3.3 RWA/NFT Digital Asset Business

As a core vehicle for value circulation within the ecosystem, the RWA/NFT Digital Asset business focuses on driving the digital transformation and compliant implementation of both virtual and physical assets. The NFT business centers on football event IPs and gaming IPs, issuing NFT cards with "intelligent evolution attributes." The Ai Hyper-Intelligence Core updates card attributes and values in real-time based on match results and gameplay data, significantly enhancing the collectible and investment value of NFTs. It also establishes a compliant NFT trading platform to ensure secure and smooth transactions. The RWA business focuses on the digital mapping of physical assets, covering various types such as football club equity, event copyrights, and stadium rights. Ai technology facilitates asset valuation and dynamic monitoring, while Gekchain enables the entire process of asset verification, circulation, and trading. This effectively lowers the barriers to physical asset circulation and improves asset utilization efficiency. The core advantage of this segment is technological synergy: Ai technology addresses industry challenges like the difficulty of RWA asset valuation and NFT homogeneity, while blockchain technology secures asset verification and circulation. Their deep integration creates an ecosystem loop characterized by the "fusion of virtual and physical assets and the free flow of value."

### 3.4 Football Events Digitalization Business

The Football Events Digitalization business centers on "empowering sports with technology," assisting football events in achieving digital and intelligent upgrades. Core applications span three dimensions: real-time on-chain match data ensures immutability via Gekchain, guaranteeing data credibility; the Ai Hyper-Intelligence Core provides professional services like match data analysis, prediction, and tactical simulation, offering precise support to teams, coaches, and fans; and the issuance of football event-themed NFTs—such as match ticket NFTs, player memorabilia NFTs, and highlight moment NFTs—enriches fan engagement and boosts commercial value. Key advantages include technological empowerment and business model innovation. Blockchain ensures transparent and

trustworthy event data, Ai enhances the accuracy and professionalism of match analysis, and the innovative integration of NFTs with events breaks the limitations of traditional monetization, creating new value growth points for organizers, teams, and fans. In terms of ecosystem synergy, it collaborates with the Gaming segment to integrate match data into the evolution system of game NFT cards, partners with the RWA business to promote the digital circulation of football event IPs and club rights, and works with the Insurance Contracts segment to provide customized insurance services for event hosting and player injuries, forming a multi-dimensional, synergistic business ecosystem.

## ***IV. Ecosystem Evolution Mechanisms***

### **4.1 Technology Evolution Mechanism**

The Foundation has established a dual-driven technology evolution mechanism to solidify the foundation for continuous ecosystem iteration. Regarding R&D investment, a dedicated technology development fund has been set up, focusing on optimizing Gekchain's performance, iterating the Ai Hyper-Intelligence Core's algorithms, and exploring innovative applications of cutting-edge technologies like RWA/NFT and smart contracts. Continuous resource allocation ensures the technological foundation remains leading-edge. In terms of developer ecosystem development, an open developer platform has been built, providing access to Gekchain APIs and the capabilities of the Ai Hyper-Intelligence Core. This attracts global developers to participate in creating and innovating ecosystem applications. Furthermore, blockchain incentive mechanisms reward outstanding developers with ecosystem tokens, motivating participation and fostering the continuous enrichment of technologies and application scenarios.

### **4.2 Business Evolution Mechanism**

Business evolution follows the core logic of "data-driven + synergistic collaboration," forming an efficient, iterative closed loop. On one hand, a data-driven iteration model is



employed. The Ai Hyper-Intelligence Core comprehensively integrates user data, transaction data, and market data from all business scenarios, conducting real-time, precise analysis of user needs and market trends. This provides scientific decision-making support for product upgrades and scenario expansion within each business segment, ensuring alignment with market demand. On the other hand, a cross-business collaborative upgrade model is implemented. Business segments do not operate in isolation but achieve deep synergistic evolution through "asset circulation, data interoperability, and user sharing." For example, football match data can directly drive the attribute evolution of game NFT cards, and the implementation of RWA assets opens new insurance scenarios for the Insurance Contracts business. This ultimately creates a virtuous cycle of "business synergy -> data accumulation -> iteration and upgrade," driving continuous optimization of the entire business ecosystem.

### 4.3 Value Evolution Mechanism

The value evolution mechanism revolves around "asset appreciation + user win-win," achieving sustained growth in ecosystem value. At the asset value enhancement level, Ai technology endows NFT assets with dynamic evolution attributes; the RWA business enables the digital appreciation of physical assets; and the deep integration of gaming and sports events increases asset liquidity and market demand. These multi-dimensional efforts promote the continuous growth of asset value within the ecosystem. At the user value co-creation level, diverse value acquisition channels are established for ecosystem participants (including users, developers, and partners). Participants can earn ecosystem tokens and asset returns by engaging in activities like gameplay interaction, event participation, asset trading, and technology development. This builds a value co-creation model of "ecosystem growth -> user gain," which not only aligns the interests of the ecosystem and its users but also effectively enhances user loyalty and engagement.

## ***V. Compliance and Risk Control***

### **5.1 Compliance System Development**

The Foundation has established a dual compliance system covering "full geographical scope + full business process," laying an institutional foundation for stable ecosystem development. In terms of geographical compliance, it strictly adheres to relevant South Korean laws and regulations such as the Blockchain Act, Digital Asset Basic Act, and Insurance Act. The Foundation has completed its registration, filing, and necessary business license applications, ensuring local operations are legal and compliant. Simultaneously, it continuously monitors regulatory developments in major countries and regions globally, proactively adapting to cross-border business compliance requirements to facilitate orderly international expansion. Regarding business compliance, detailed compliance standards are formulated for different business scenarios: the digital mapping of RWA assets strictly follows compliant processes for asset verification, information disclosure, and risk warnings; the NFT trading platform establishes robust mechanisms for user real-name verification, Anti-Money Laundering (AML), and anti-fraud to prevent illicit transaction risks; the Insurance Contracts business collaborates deeply with licensed insurance institutions to ensure contract terms meet regulatory requirements and legal validity, guaranteeing comprehensive compliance across all operations.

### **5.2 Risk Control Measures**

The Foundation has implemented a comprehensive risk control system covering technology, market, and operations to precisely mitigate various potential risks. For technology risk control, a dedicated technical security team conducts regular comprehensive security audits and vulnerability remediation for the Gekchain infrastructure, Ai Hyper-Intelligence Core algorithms, and smart contracts. Additionally, third-party authoritative security agencies are engaged to provide continuous security monitoring services, effectively guarding against technical risks such as hacker attacks and data breaches,

thereby ensuring the security of the ecosystem's technological foundation. Regarding market risk control, the Ai Hyper-Intelligence Core is leveraged to monitor real-time price fluctuations and market demand changes for digital assets like NFTs and RWA, establishing a sensitive risk warning mechanism. By implementing prudent asset liquidity management strategies, the impact of market volatility on the ecosystem is buffered, maintaining the stability of the ecosystem's economic system. For operational risk control, a comprehensive user rights protection system is established, clearly defining user rights and responsibilities for key processes such as asset trading, insurance claims, and game operations. A dedicated risk reserve fund is set up to address unexpected operational risks like event cancellations or asset devaluation, providing solid assurance for the stable operation of the ecosystem.

## ***VI. Development Roadmap***

### **6.1 Initial Phase (1-2 years): Technology Implementation & Core Business Launch**

During the initial development phase (1-2 years), the Foundation will focus on laying the technological groundwork and launching core businesses to steadily advance ecosystem implementation. The primary task is to complete the registration and filing of the Korean NexusAiEvo Evolution Foundation, establish the foundational architecture of Gekchain and a prototype system for the Ai Hyper-Intelligence Core, solidifying the technical base for subsequent business operations. Concurrently, pilot programs for core businesses will be launched, introducing football event-themed NFT cards and basic blockchain games, while collaborating with licensed insurance institutions to roll out NFT asset insurance products. This will achieve initial implementation of core scenarios. Furthermore, the Foundation will complete the digital mapping and compliant implementation of the first batch of RWA assets (e.g., fractional equity in football clubs) and establish foundational user communities to accumulate initial users and build market reputation.

## 6.2 Mid-term Phase (3-5 years): Ecosystem Expansion & Synergistic Upgrade

Entering the mid-term development phase (3-5 years), the ecosystem will experience scale expansion and synergistic upgrades. Technologically, continuous optimization of Gekchain's performance and the Ai Hyper-Intelligence Core's algorithms will achieve high-concurrency, low-latency support for all business needs, meeting the efficient operation demands of diverse scenarios. Business boundaries will be expanded by launching immersive Ai blockchain games, introducing diversified insurance contract products like RWA asset insurance and gaming account insurance, and broadening the scope of RWA assets to include event IPs and stadium rights within the ecosystem. Building on this, a cross-chain asset trading platform will be established to enable seamless cross-chain circulation of NFT/RWA assets within the ecosystem. This will attract more developers and partners, gradually forming a preliminary "technology-assets-business-users" business closed loop.

## 6.3 Long-term Phase (5+ years): Ecosystem Maturity & Global Expansion

In the long-term development phase (5+ years), the Foundation will be dedicated to achieving ecosystem maturity and global expansion. The goal is to become a leading blockchain + Ai all-ecosystem platform in Korea, realizing deep synergy and value symbiosis across insurance, gaming, sports, and digital asset businesses, thereby constructing a stable and vibrant ecosystem. Simultaneously, the Foundation will actively promote the export of ecosystem technology and standards, establishing deep collaborations with global mainstream blockchain platforms, Ai companies, sports organizations, and financial institutions to comprehensively expand into global markets. Additionally, the ecosystem evolution mechanisms will be continuously iterated, with active exploration into the integrated application of cutting-edge technologies like Web3.0 and the metaverse. The ultimate aim is to create a globally top-tier digital ecosystem hub characterized by "intelligent drive and continuous evolution."

## ***VII. NAIO Parent Coin (Core Ecosystem Value Vehicle)***

### **7.1 Core Mechanisms**

The NAIO Parent Coin innovatively establishes a "mechanism-driven value growth system," achieving the world's first core attribute of "appreciation-only," while incorporating multiple layers of security. This fundamentally addresses the issues of digital asset speculation and value volatility risks.

**Value Growth Logic:** Leveraging dynamic ecosystem supply-demand adjustment and a super-burn mechanism, a positive feedback loop is created: "the more that is sold, the more significantly the circulating supply decreases, creating stronger upward price momentum." This ensures participants' returns grow continuously alongside ecosystem development, with a monthly return expectation of 30%-60%.

**Trading Rule Innovation:** A rigid rule of "sell-only, no-buy" is implemented. No participants (including the ecosystem founders) can directly purchase the Parent Coin, completely eliminating speculative behaviors such as market manipulation and price control at their root, thereby ensuring absolute fairness in the trading environment.

**Security Foundation:** The system is designed to fully relinquish centralized authority, achieving 100% decentralized operation. No entity can alter the rules or misappropriate funds, building a robust asset security barrier at the technological level.

**Core Risk Resistance Advantages:**

**No Fear of Large-Scale Dumping:** Selling directly triggers the burn mechanism. Reducing the circulating supply instead contributes to price increases.

**Appreciation Sustained Even Without Active Participation:** The daily automatic burn mechanism continuously reduces the circulating supply, supporting steady value appreciation. This truly realizes "mechanism-determined appreciation-only."



## 7.2 Issuance & Deflationary Mechanisms

The NAIO Parent Coin adopts a design of "fixed total supply + super-deflation." By strictly controlling supply and incentivizing demand, it continuously enhances asset scarcity and drives long-term value appreciation.

**Issuance Basic Rules:** Fixed total issuance of 100 million coins, with no additional issuance ever, permanently locking in supply-side scarcity. In the initial stage, the LP (Liquidity Pool) base serves as the value anchor. Participation thresholds are opened in phases to ensure a stable ecosystem start.

**Capital Deposit Allocation Mechanism:** Participants' deposited funds are allocated according to precise ratios, balancing ecosystem operations and participant returns: 10% for genesis node dividends, 5% for market support, 5% for community rewards, and 80% directly injected into the LP to ensure sufficient pool liquidity and smooth transactions.

**Withdrawal Rules:** Supporting flexible "enter-and-exit" operations. The corresponding NAIO Parent Coins are 100% burned, with a 5% fee flowing back to the base LP, further strengthening the deflationary effect.

**Dynamic Release & Deflation:** Every 24 hours, 2.2% of the total LP pool value is released as returns. The released funds are allocated as follows, forming an ecosystem self-cycle:

40% directly burned: Continuously reduces total circulating supply, the core driver of price increases.

5% node dividends: Rewards ecosystem nodes, ensuring their long-term contribution.

5% community fund: Used for community-driven development.

50% static + dynamic returns: Of this, 70% goes to static participants (LP stakers), and 30% is used for dynamic referral rewards. This enables "participation yields returns, promotion yields more."

**Selling Fee:** 10% selling fee applies.



**Sell & Burn Rules:** When participants sell NAIO Parent Coins, 95% of the sold amount is directly burned, 5% flows back to the LP base pool, 7% USDT is retained in the pool to supplement liquidity, and 3% USDT is allocated for ecosystem operations. This further amplifies the deflationary effect, driving the value of the remaining Parent Coins upward.

### 7.3 Acquisition Methods

The NAIO Parent Coin adheres to the principle of "ecosystem co-creation, profit sharing" to stimulate ecosystem vitality.

**Core Acquisition Channel:** LP (Liquidity Mining) is the sole channel for generating NAIO Parent Coins. All participants must stake corresponding assets to join the LP pool to acquire Parent Coins.

Sub-Coins are acquired through scenario-specific behaviors (e.g., game progression, event participation, asset trading, technical contributions). Specific acquisition rules will be announced as the ecosystem evolves, further enriching ecosystem value vehicles and participation dimensions.

## ***VIII. Conclusion***

The NexusAiEvo Evolution Foundation, with its core positioning as an "intelligently-driven all-ecosystem evolution hub," leverages the security and efficiency of Gekchain and the intelligent empowerment of the Ai Hyper-Intelligence Core. It aims to break down barriers between traditional industries and the digital economy, constructing a comprehensive business ecosystem encompassing insurance contracts, gaming, RWA/NFT, and football events.

We firmly believe that through technological innovation, business synergy, and ecosystem co-creation, we can drive the deep integration of cutting-edge technologies with both physical and virtual scenarios, creating continuously growing value for ecosystem participants. Simultaneously, we aim to lead compliant innovation and development in the



blockchain + Ai industry, opening a new chapter in intelligent ecosystem evolution.

## ***IX. Disclaimer***

The content of this whitepaper is for informational purposes only. The information and statements contained herein are for reference only and do not constitute investment advice, solicitation, or an offer by the Korean NexusAiEvo Evolution Foundation (hereinafter referred to as the "Foundation"), the NAIO Parent Coin, or related ecosystem entities to sell any digital assets, rights, or interests. Any trading offer involving digital assets or rights must comply with relevant South Korean laws and regulations, including the Blockchain Act and the Digital Asset Basic Act, as well as regulatory requirements, and be conducted through compliant filing procedures.

The content of this whitepaper shall not be construed as grounds for mandatory participation in activities related to the NAIO Parent Coin or the Foundation's ecosystem. Any action related to this whitepaper does not constitute a prerequisite for participating in the NAIO Parent Coin issuance or the Foundation's ecosystem businesses, including but not limited to obtaining a copy of this whitepaper or sharing it with others.

Entities participating in activities related to the NAIO Parent Coin and the Foundation's ecosystem must ensure they have reached the legal age standard, possess full legal capacity, and that any relevant agreements signed with the Foundation or related ecosystem entities are authentic and valid. All participants engage in related activities voluntarily and, prior to participation, have gained a clear and necessary understanding of the NAIO Parent Coin mechanisms and the Foundation's ecosystem business rules.

The Foundation team will make reasonable efforts to ensure the accuracy and truthfulness of the information in this whitepaper. However, during project development, platform mechanisms, asset rules, business logic, and other content may be adjusted or updated as the project progresses. Relevant adjustments will be disclosed to the public through announcements on the Foundation's official website or the release of new whitepaper



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The Foundation has explicitly notified participants of the potential risks associated with the NAIO Parent Coin and related ecosystem activities. Participation in such activities signifies the participant's confirmation, understanding, and acceptance of all terms in this disclaimer, voluntary assumption of related potential risks, and personal responsibility for any consequences.