



# **GAIA** Services

Web3 Services for Global Assets Trading

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# 1. Introduction to Gaia Services

GAIA Services is a project that provides a specialized Web3 service infrastructures for building a global digital asset marketplace. GAIA provides a layer 1 blockchain that combines the speed and scalability of the Cosmos SDK with the Ethereum virtual machine, a layer 2 blockchain with added high-volume, high-performance service support and interoperability technology. GAIA also provides traditional blockchain services (such as NFTs, DApps, DeFi, DID, and MyData) and the Decentralized Exchange Service (DEX) required for global asset trading, including law enforcement support and strong privacy features.

GAIA Services significantly expands the range of assets traditionally covered by blockchains, including virtual assets and artwork. GAIA supports the trading of all digitized assets, including cash alternative digital assets, items from the digital world, virtual assets (cryptocurrencies), digital tokens of traditional real-world assets, intellectual property, and data, with a market size estimated at over \$2.5 trillion in 2021 and growing rapidly every year..

Here's what sets the GAIA service apart from other blockchain projects.

**First**, it provides a decentralized framework that is secure from fraud and hacking by complying with legal regulations and supporting strict privacy. In the past, virtual assets have been involved in various fraudulent schemes that take advantage of the lack of relevant laws and regulations, which greatly undermine the value of virtual assets and cause great harm to investors. The GAIA framework supports functions such as prohibiting money laundering and terrorist financing and freezing and collecting assets held by illegal accounts for safer person-to-person transactions. Asset transactions through GAIA Services are carried out at a security level equivalent to the security system of existing banks, and personal information is strictly protected.

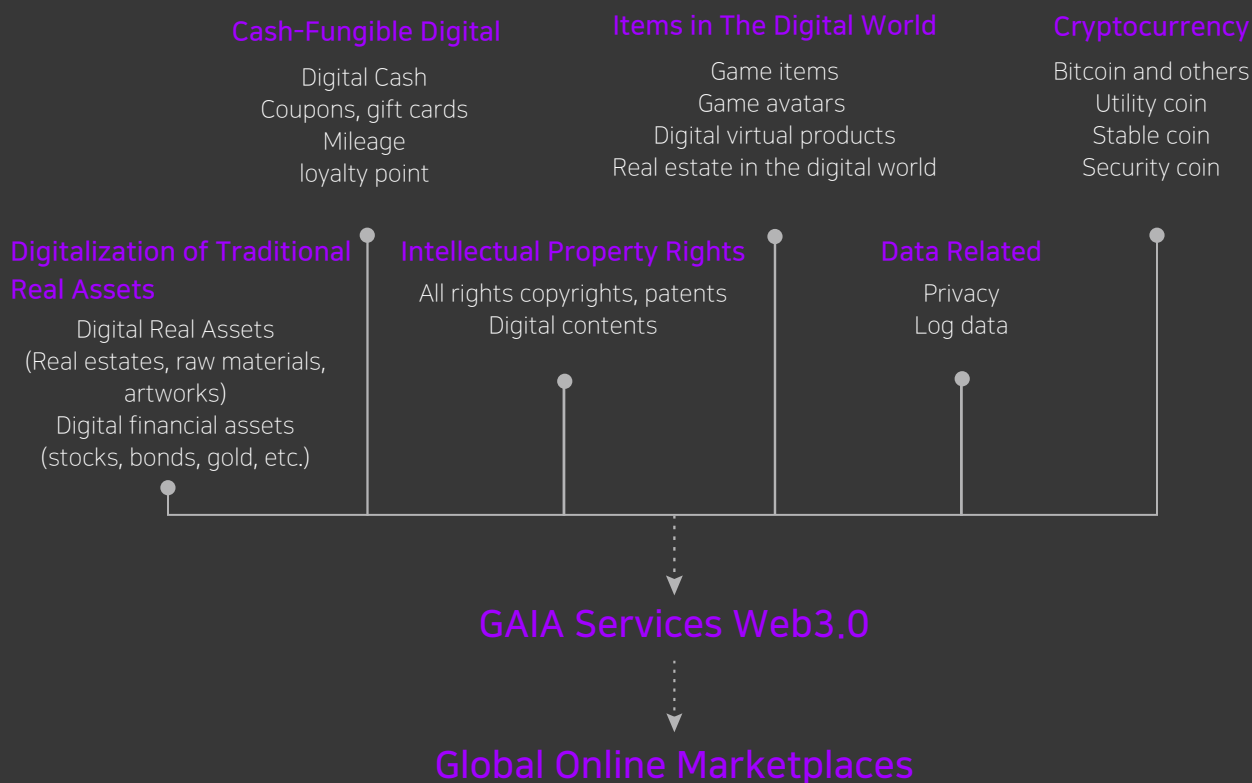
**Second**, we strive for coexistence with fiat currencies. In GAIA Services, fiat currencies such as credit cards and debit cards coexist with digital assets. Until payment methods using virtual assets enter a stable phase, users can conveniently trade digital assets anywhere in the world using their favorite payment and settlement methods.

**Third**, it provides a one-stop service for Web3 businesses. Today's enterprise services are highly complex and sophisticated. Existing projects have been aimed only at specific technologies or functions, which often fail to become actual services. GAIA's goal is not to implement parts of the system, such as protocols, DApps, or blockchain networks. By providing a platform that includes all Web3 core services (NFT, DApp, DeFi, DID, and Mydata) for global digital asset trading, we will provide an optimal way to efficiently distributed·decentralize existing centralized marketplaces.

## 2. GAIA Services Business Model

Until now, virtual assets and art NFT products have led the way for digital assets and have only been recognized as investment products.

GAIA will allow you to digitally assetize (tokenize) your used goods, not just any goods that can be traded on online marketplaces. GAIA will allow you to trade all of your tangible and intangible goods that have trade value, securely and quickly.



Trading digital assets is not only possible on NFT-specific exchanges such as OpenSea, Rarible, NBA Top Shot, etc. or on popular crypto exchanges such as Binance, Coinbase, Upbit. We all know of marketplaces that are much bigger than these exchanges. They are global online marketplaces such as Amazon, eBay, and Rakuten. The GAIA service will provide the connectivity for your digital assets to be traded on these large online marketplaces. GAIA will provide the necessary infrastructure services and earn fees on transactions.

## 3. GAIA Services

GAIA supports the core functionality for Web3 businesses at the service level. By utilizing GAIA Services, traditional marketplace powerhouses can effectively transition to Web3 business. The transition to Web3 Business will expand the spectrum of products they can relay and provide them with the opportunity to innovate their business models and create new value through a secure and efficient trading system that is agnostic to location and time.

### Building a decentralized economy ecosystem

GAIA Services offers opportunities in areas such as Decentralized Finance (DeFi) and NFTs. Businesses can enter these areas to develop new revenue models or apply decentralized technology to existing businesses to improve efficiency and profitability and diversify their business models.

### Personal data utilization and compensation

GAIA Services gives users the ability to own and control their personal data, rather than by a centralized entity. Businesses can leverage personal data with the user's consent to provide personalized products and services and improve marketing strategies, and users can receive compensation from buyers (businesses) for the data they provide.

### User engagement and rewards

GAIA Services provides features that enhance interaction with users and encourage engagement. Companies can meet the needs of service providers and users by providing differentiated user experiences using GAIA Platform to encourage participation in the service ecosystem and provide reasonable rewards for participation.

## 4. Smart contracts and automation

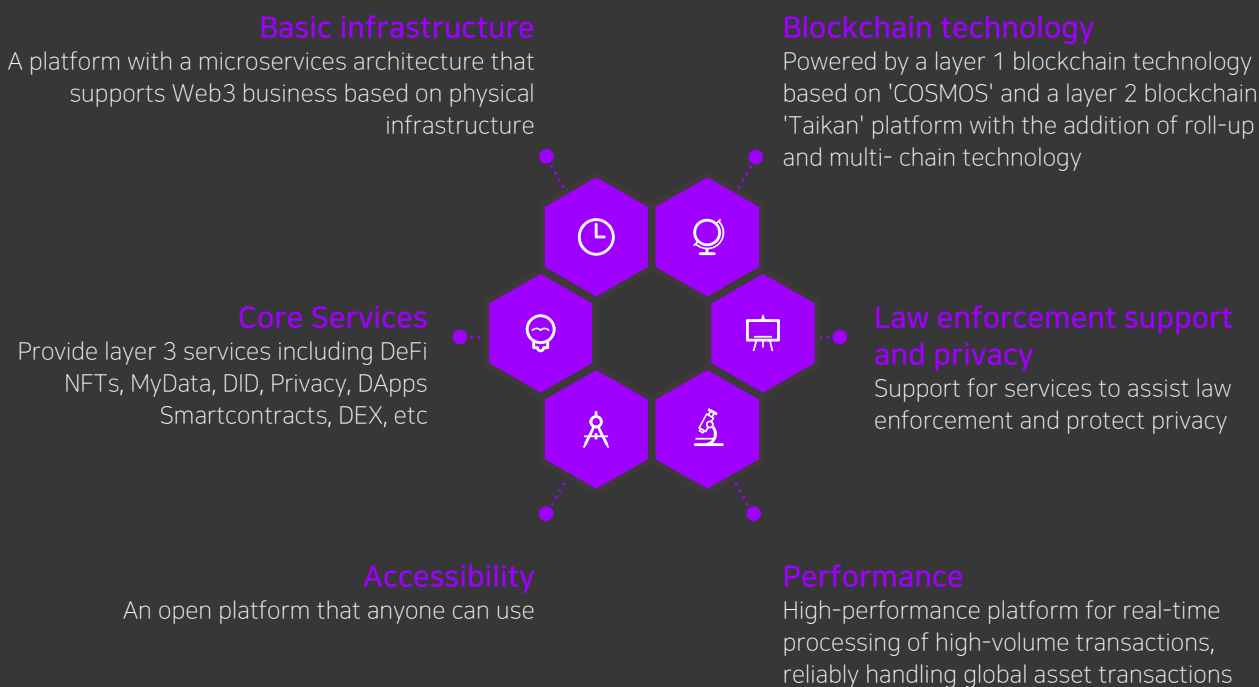
GAIA Services provides the ability to efficiently manage business processes through smart contracts and automation. Smart contracts can be utilized to automatically execute and manage transactions and contract terms, reducing costs and increasing productivity.

## 4. GAIA Platform (GAIA Trusted Platform)

GAIA Platform refers to the physical infrastructure on which GAIA Services operate. GAIA Platform divides core services for Web3 businesses into small independent services by applying microservice architecture and provides them in a stable cloud environment.

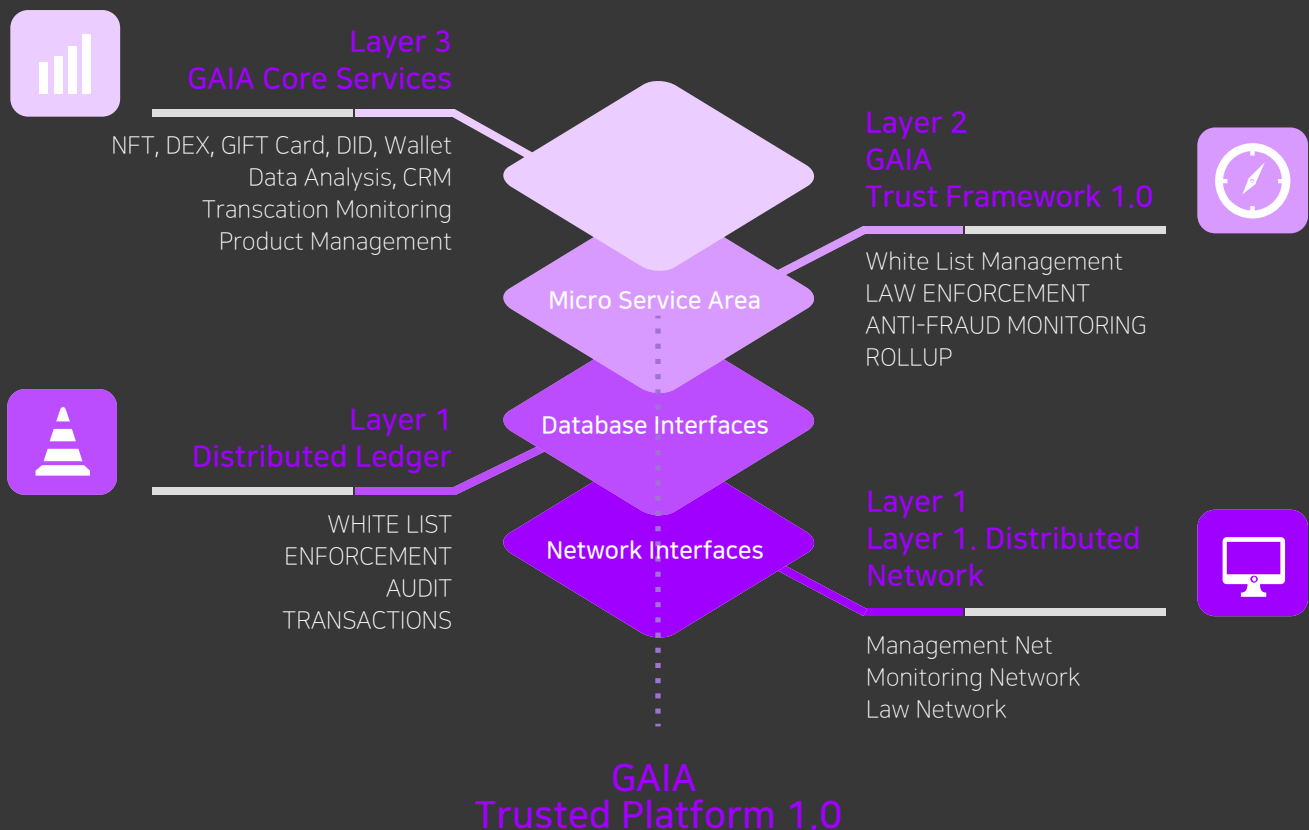
GAIA Platform is based on layer 1 blockchain technology based on COSMOS, and runs on the TAYCAN platform, which is a layer 2 blockchain that adds roll-up and multi-chain technology. GAIA Platform includes GAIA's core services (DeFi, NFTs, MyData, DID, Privacy, DApps, Smartcontracts, DEX, etc) which fall under Layer 3 and support services for law enforcement and privacy.

GAIA Platform is an open platform that anyone can use and is a high-performance platform capable of real-time processing of large-scale transactions, enabling stable processing of global asset transactions for GAIA Services.



## 5. GAIA Framework (Trusted Framework)

GAIA Framework is a collection of all of GAIA's software tools and libraries that are released as open source. GAIA Framework is used to help streamline and increase the efficiency of the development process for efficient Web3 support or conversion of existing systems. Developers can use GAIA Framework to link or integrate Web3 services into their existing systems. GAIA framework provides interface based on the layers that are intended for integration, allowing flexible implementation according to the design.



## 6. GAIA Token

The GAIA token functions as a standardized currency for transactions of digital assets in the GAIA ecosystem. All digital assets traded on GAIA Services can be transacted with fiat currency using credit cards, debit cards, etc. but it is necessary to support transactions with the GAIA tokens. GAIA Services supports fiat currency payments to eliminate user inconvenience and improve transaction efficiency by utilizing GAIA tokens.

### GAIA Token Payments

In 2021, global trade is expected to reach \$28.5 trillion. Most sellers and buyers make payments in their domestic currencies, which results in significant foreign exchange fees. And unfortunately, foreign exchange fees are often attributed to only a few specific organizations. The issue of fairness in fees is not new, and unnecessary and excessive fees are being reduced with advances in technology. GAIA aims to create a transparent and efficient economic system by improving the process by utilizing distributed ledger technology. Therefore, GAIA wants to introduce a standard payment method called the GAIA token to eliminate unnecessary currency exchange procedures.

The problem of unnecessary fees is not limited to cross-border transactions. Even in everyday online purchases, users have to pay a lot of fees, ranging from as little as 1-2 percent to as much as tens of percent, and these fees tend to be overly concentrated in the hands of platform service providers. GAIA uses the GAIA token to reduce reliance on platform providers and reduce the payment and settlement process. The GAIA token will transform a complex and opaque process into a transparent and efficient one.

### Provide & Acquire GAIA Token Liquidity

Liquidity for GAIA tokens is provided through the Liquidity Pool, with the exception of the Initial Liquidity Provision. This is similar to the way stable coins that collateralize digital assets provide liquidity. In the case of stable coins, liquidity is provided by the value of the asset collateralized by the token, but GAIA provides liquidity by the rewards generated by depositing tokens in the pool. Tokens can be obtained as deposit rewards and ecosystem extension program participation rewards.

GAIA's unique liquidity methods are designed to neutralize methods of deceiving information about circulating supply or artificially manipulating supply to disrupt market order and exploit the gaps for financial gain. The huge amount of speculative assets flowing into the cryptocurrency market is making the market sick and causing investors to lose money. The GAIA token will be positioned in the market as an investment asset rather than a speculative asset by transparently managing its supply through a liquidity pool and suppressing artificial value fluctuations.



## GAIA Governance & Inflation

After the final round of GAIA token liquidity supply is completed, we may decide to provide additional liquidity depending on the scale of market development. However, additional liquidity supply will be determined through a vote of GAIA holders if it is deemed necessary for the development of the GAIA ecosystem.

By participating in staking GAIA tokens, the holders retain voting rights to participate in the decisions necessary to operate GAIA Services system based on the number of GAIA tokens staked. GAIA token holders have the following voting rights in GAIA governance

### **Protocol upgrades**

Determine upgrades or changes to GAIA protocols

### **Consensus mechanism settings**

Change settings related to the consensus mechanism.

### **Dispute resolution**

how to resolve legal disputes that could have a significant impact on the GAIA ecosystem

### **Additional Liquidity Supply & Burn**

Determining the amount of additional liquidity supply and burn to scale GAIA Platform or stabilize the market.

### **Determination of legal proceedings**

## 7. GAIA Token Issuance

**Network** - Taycan (Cosmos)

**GAIA Token** – Service Tokens in the Exflow Ecosystem

**Total Supply:** 600,000,000 GAIA

### GAIA Token Function

Reduce payment and service costs for Exflow ecosystem services, staking, trading, token issuance, incineration, voting

### GAIA Token Incineration and Issuance

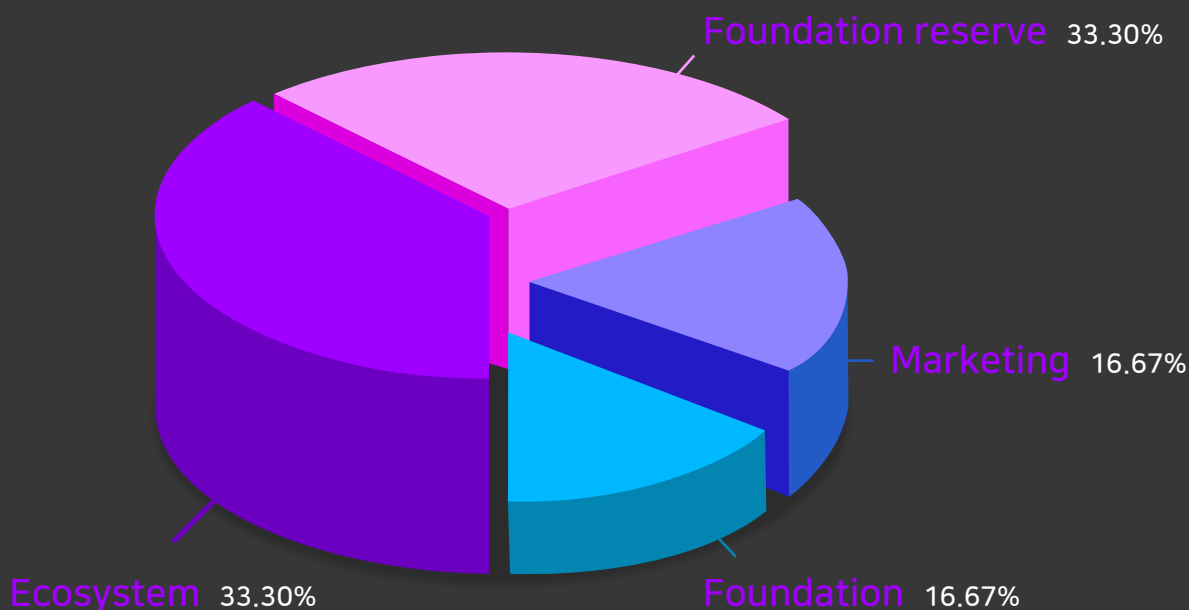
In the event of a situation that interferes with the liquidity of the market or affects the staking pool, it can be incinerated or supplemented through voting.

\* Maximum GAIA tokens to be incinerated and issued: 50% of issued volume

### GAIA Token volume of issue

Category	Token volume of issue	Issue rate(%)
Ecosystem	200,000,000 GAIA	33%
Foundation reserve	200,000,000 GAIA	33%
Marketing	100,000,000 GAIA	17%
Foundation	100,000,000 GAIA	17%
<b>Total supply</b>	<b>600,000,000 GAIA</b>	<b>100%</b>

## 7-1. GAIA Token Distribution



### Ecosystem 33.30%

exflow service, service expansion through affiliated projects. It is used as exchange reserve, market initial liquidity provision, and staking reward.

### Foundation reserve 33.30%

Private sale: 200,000,000 tokens for sale.

Purchased tokens automatically placed in Staking pool and locked for 6 months, 1% unlocked rewards distributed every month. The residuary, unbought tokens after sale, will be placed in Staking pool as well. These are supplement for unlocked tokens.

### Marketing 16.67%

Tokens that can be used to implement the marketing strategy for project development. It can be used to support activities such as promotional campaigns, airdrops, partnerships with other projects, payment for advertising services and more. distributed every month. The residuary, unbought tokens after sale, will be placed in Staking pool as well. These are supplement for unlocked tokens.

### Foundation 16.67%

tokens intended for distribution within the project development team.

## 7-2. GAIA Token Unlock Schedule

For the following owner groups, the token is initially locked.

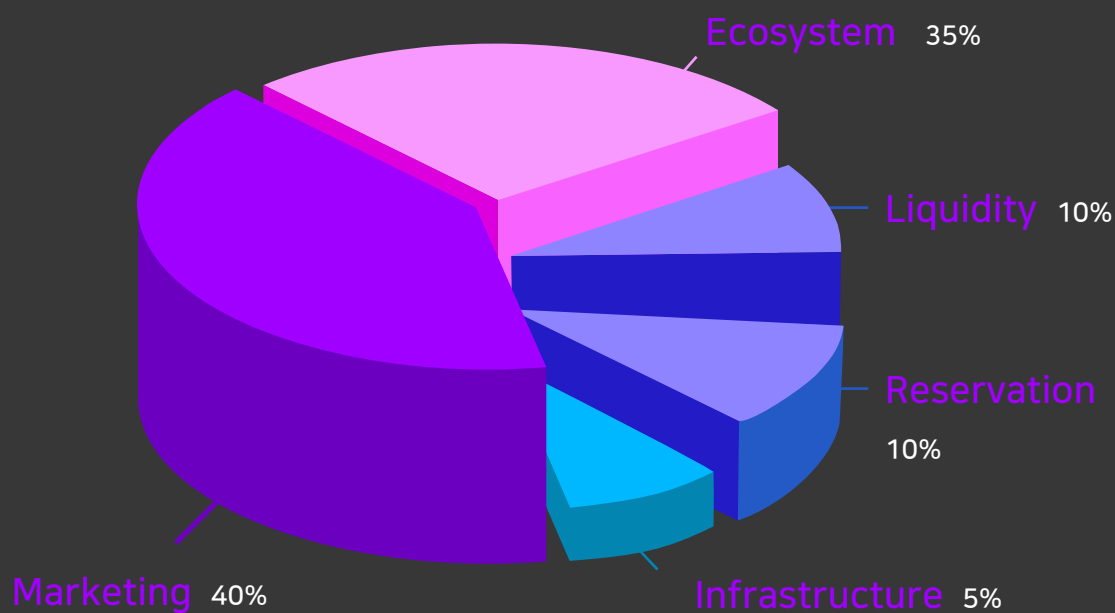
\*Ecosystem construction, deposit process fund (private sale), marketing, team foundation reserves

Category	Lock supply	Lock	Unlocked (%)	Unlocked number of times
Ecosystem	190,095,000 GAIA	6M	3.448%	29
Foundation reserve	200,000,000 GAIA	6M	10%	10
Marketing	100,000,000 GAIA	6M	5%	20
Foundation	100,000,000 GAIA	12M	2.5%	40

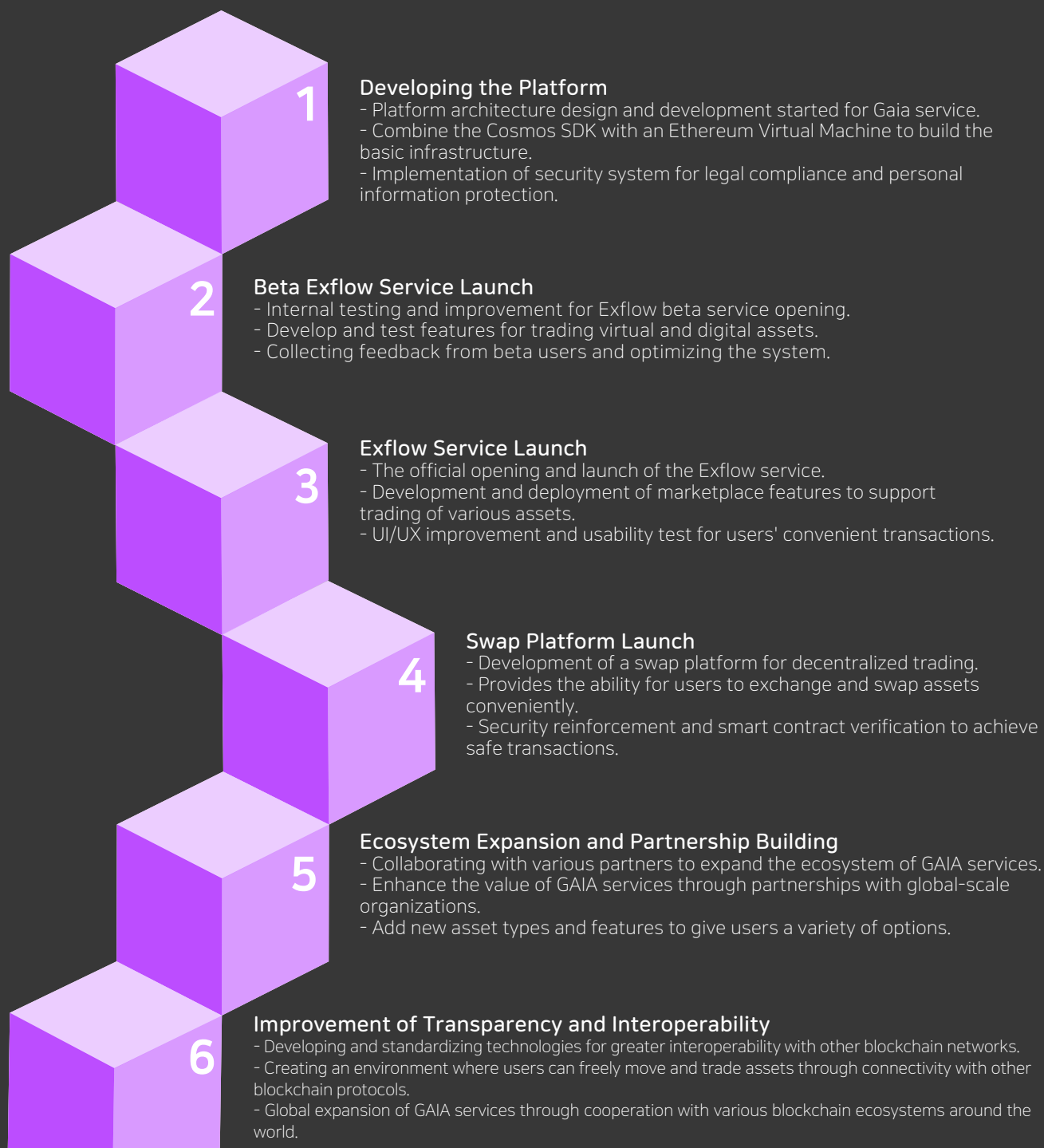
\*After the cliff period, tokens are unlocked evenly once a month during the unlock period.

## 7-3. GAIA the use of funds

Funds raised in Private Round will be used as follows.



## 8. GAIA Roadmap



## 9. About the GAIA Foundation

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The purpose of GAIA Foundation is to promote the widespread adoption of GAIA Services by operating GAIA Services and supporting research and development. GAIA Foundation is headquartered in Poland and plays an important role in spreading GAIA Services as the entity that drives the GAIA roadmap. By building a global community, GAIA Foundation will strive to make GAIA Services a success with unlimited responsibility with various experts.

The GAIA Foundation's specific responsibilities include:

### **Technical development and management**

manage GAIA Platform, develop and maintain the GAIA framework.

### **Standardization**

develop protocols and standards for GAIA technologies and ensure interoperability and compatibility

### **Community management**

foster the growth and development of community by engaging with community members, supporting developers and users, hosting training and events, and more.

### **Funding and economic models**

provide funding and economic support to ensure the sustainability of projects

## \*GAIA Foundation Key Players

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**Chief Executive Officer** | Maksym Sakharov

**Chief Technical Officer** | Vladimir Urovitskiy

**Product Design Director** | Mart Kingisepp

**UX Director** | Dima Ivanov[c]

# Disclaimer

1. This white paper is intended to describe GAIA's services, and is subject to review and revision due to the schedule and progress of the project and other factors.
2. The version of this white paper was prepared as of the date indicated at the top of the document, and the contents of this white paper only reflect the direction and progress of the business up to that date, and are subject to change at any time after the date of preparation.
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13. The creation of the ecosystem may be delayed, or other tangible or intangible losses may occur due to reasons not intended by GAIA, such as system attacks from third parties, natural disasters, and force majeure.

14. GAIA is not responsible for Buyer's risk of loss or compromise of Buyer's private key.

15. GAIA is not free from all risks, including the decline of coin value and changes in the market environment, uncertainty, political risks, and competition from competitors, etc. which may cause GAIA's development to be suspended or its service direction and plans to change

16. GAIA is a developing technology, and changes in technology that may occur during the development of the technology may adversely affect GAIA.

17. GAIA does not delegate or assign any decisions, including the operating policies and suspension of operations of the Ecosystem, to others, and all decisions are made at GAIA's sole discretion.