

The logo consists of the letters 'IAS' in a bold, white, sans-serif font. The text is centered on a translucent, blue, multi-faceted ice crystal that has a glowing effect. The crystal is set against a dark blue, irregularly shaped background that resembles a hole in an ice sheet, surrounded by a light blue border with stylized snowflakes and ice shards.

IAS

ICE AND SNOW

IAS White Paper

ice and snow

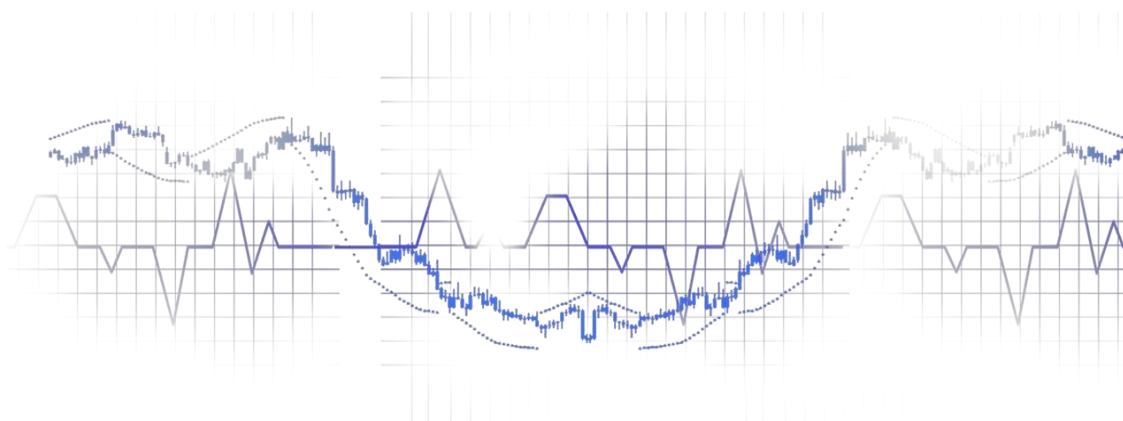
An innovative industry digitalization platform based on RWA


Leveraging the unique resource endowments of the ice-and-snow industry and the cultural-tourism economy, we introduce blockchain and RWA concepts across the entire industrial development value chain

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Chapter 1

RWA Drives Transformation of Industry

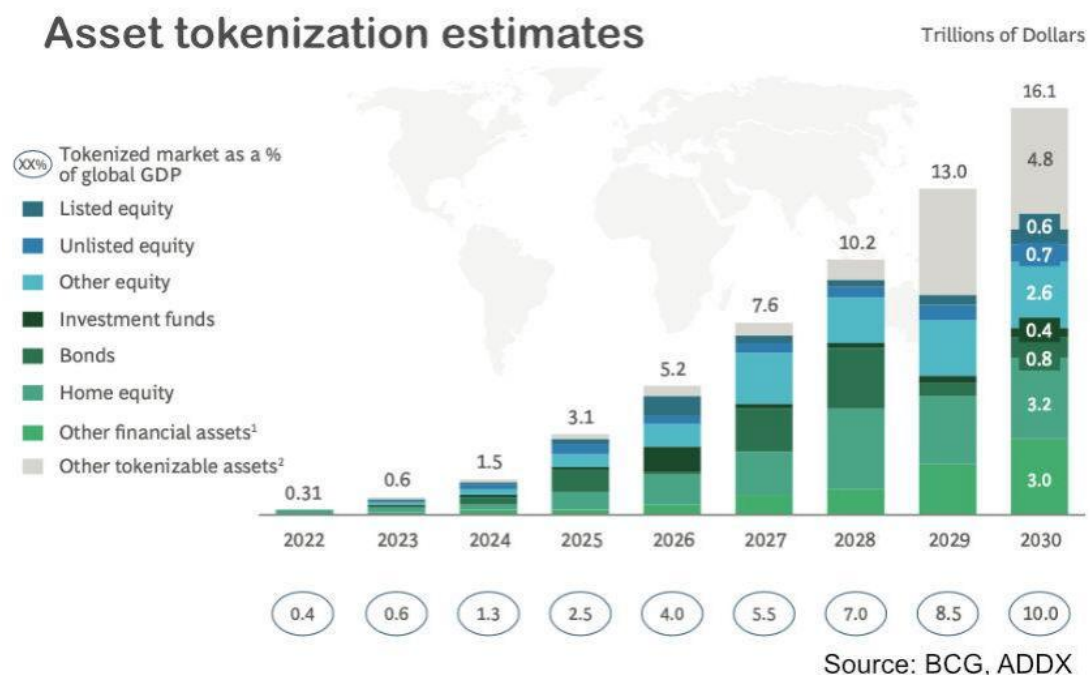


ice and snow

1.1 Background of RWA's Rise and Development

With the rapid development of the global digital economy, profound changes are taking place in the way assets are managed, traded and financed. For a long time, although the traditional financial system has played a huge role in resource allocation globally, it has also exposed many structural problems. For example, asset trading is often constrained by multiple factors such as geography, time, legal environment and transaction thresholds, leading to illiquidity and inefficiency. Especially in real estate, supply chain, cultural tourism and other industries, a large number of assets are locked in fixed scenarios, unable to circulate efficiently, affecting the rational allocation of capital and industrial vitality.

The birth and maturity of blockchain technology provides new possibilities for solving these problems. It drastically reduces the cost of trust for all parties through a decentralized, open, transparent and traceable ledger system, and is able to break down established intermediary barriers. Based on this background, RWA (Real World Assets) has emerged as an innovative financial practice and has become one of the most promising application directions in the digital economy.



The core idea of RWA is to digitize and tokenize the valuable physical or equity assets existing in the real world through standardized mapping rules and smart contracts, and register, trade and circulate them on the blockchain. Through such a mechanism, RWA not only achieves a high degree of divisibility, convenience and globalized flow of assets, but also enhances the efficiency and transparency of the market. For example, a property of great value can be split into tens of thousands of tokens, each corresponding to a portion of the interest in that property, enabling ordinary investors to participate.

The rise of RWAs is not only driven by technology, but also a product of changing market demand and regulatory environment. In the past decade, with the continuous opening of global financial markets, investors are increasingly seeking flexible and diverse asset allocation and risk management tools. Traditional financial instruments are unable to meet this demand for flexibility and accessibility, and new mechanisms are urgently needed to fill the gap. Meanwhile, under the global economic restructuring and inflationary pressure, investors and enterprises are looking for new ways to preserve and increase the value of their assets, RWA, with its efficient, transparent and decentralized characteristics, fits this market trend and has become the focus of attention of regulation and market participants in various countries.

In addition, the significance triggered by RWA is not only limited to enhancing asset liquidity and market efficiency, but also an important force in promoting the fairness and universality of the global financial system. Through RWA, more individuals and small and medium-sized enterprises (SMEs) are able to participate in global asset trading in a fair manner and share the dividends of economic growth. Moreover, RWA also opens up a new financing channel for asset holders, which helps release long-term deposited resources and promote industrial upgrading and innovation.

The rise of RWA is not only an inevitable product of the development of financial technology, but also an important manifestation of the development of the global economy in the direction of more efficient, fairer and more inclusive. It symbolizes that traditional financial assets are moving from "sleeping" to "active", and lays a solid foundation for the expansion of the global digital asset market.



1.2 The core technology support of RWA model

The realization of RWA in the real world depends on a series of cutting-edge technologies. Blockchain, smart contracts, IoT and cryptography constitute the technological cornerstones of the RWA model, so that asset digitization no longer remains a concept, but can be practically applied in financial and industrial scenarios.

1) Blockchain technology is the core underlying architecture of the RWA model.

It records asset information on globally synchronized network nodes through a decentralized distributed ledger, ensuring that the data cannot be tampered with and the whole process is traceable. In this way, the process of asset ownership, transaction records and revenue distribution can be open and transparent, reducing the involvement of intermediaries and lowering the cost of trust between the two parties to a transaction. Blockchain also provides natural convenience and consistency for cross-border transactions, breaking down barriers brought about by differences in geography and regulatory environments.

2) The application of smart contracts provides support for RWAs to achieve automation and standardization.

A smart contract is a piece of pre-written program code that, when deployed on the blockchain, automatically performs relevant operations when specific conditions are met. For example, in the scenario of asset transfer or income distribution, smart contracts can complete payment, delivery or clearing on the chain in accordance with the established rules without human intervention. This not only improves transaction efficiency, but also reduces human errors and operational risks.

3) The access of IoT technology solves the problem of real-time collection of real asset status information.

Through the deployment of sensors, cameras and detection equipment, the operational data of assets can be continuously acquired and uploaded to the blockchain network in real time for certification. For example, in scenarios such as warehousing, logistics, and energy, the data collected by IoT can accurately reflect the current status and value of assets, ensuring authenticity and accuracy when tokenizing assets.

4) Cryptography technology provides data security and privacy protection for the RWA platform.

Through mechanisms such as zero-knowledge proof and multi-party computation, the platform can verify the authenticity of assets and the compliance of transactions while protecting users' privacy, avoiding data leakage or malicious tampering. In addition, technologies such as hybrid on-chain and off-chain storage and verifiable computing are used to optimize performance and balance efficiency and security.

The technologies in the RWA model do not exist in isolation, but form a complementary and synergistic overall framework that drives the continuous evolution of asset digitization, transaction automation, and data trustworthiness forward.

1.3 Key Modules of the RWA Ecosystem

The RWA ecosystem is not designed to simply map assets onto the blockchain, but is a complete system that covers everything from asset evaluation, tokenization issuance, transaction circulation, revenue distribution to regulatory compliance. Each link assumes an irreplaceable function, and together they form the basic framework for the operation of RWA.

Valuation and Registration Module: This link usually relies on professional asset appraisal agencies or decentralized prophecy machine networks to price, validate and register real-world assets on the chain. The appraisal work needs to fully consider factors such as the market value, legal attributes, risk level and liquidity of the assets, and record the results on the chain as the basis for subsequent transactions.

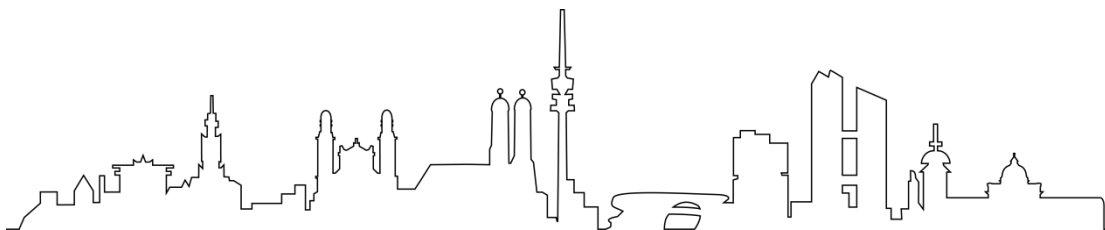
Tokenization and Issuance Module: The evaluated assets will be split into digital tokens according to certain rules, with each token representing a portion of the asset's equity. The standardized design of tokens ensures their interoperability among different trading platforms.

Trading circulation module: Investors can freely buy and sell these tokens and adjust their portfolios through decentralized trading platforms on the chain, OTC markets or institutionalized over-the-counter trading channels. Efficient aggregation engines and on-chain clearing protocols often play an important role in this segment, reducing friction and costs.

Revenue Distribution Module: Relying on the automatic execution capability of smart contracts, the precise distribution of interests and returns is realized. Cash flows, dividends, rents and other returns earned by investors during the period of holding tokens are automatically distributed to their accounts through smart contracts in accordance with the percentage of coin holdings, without the need for human intervention.

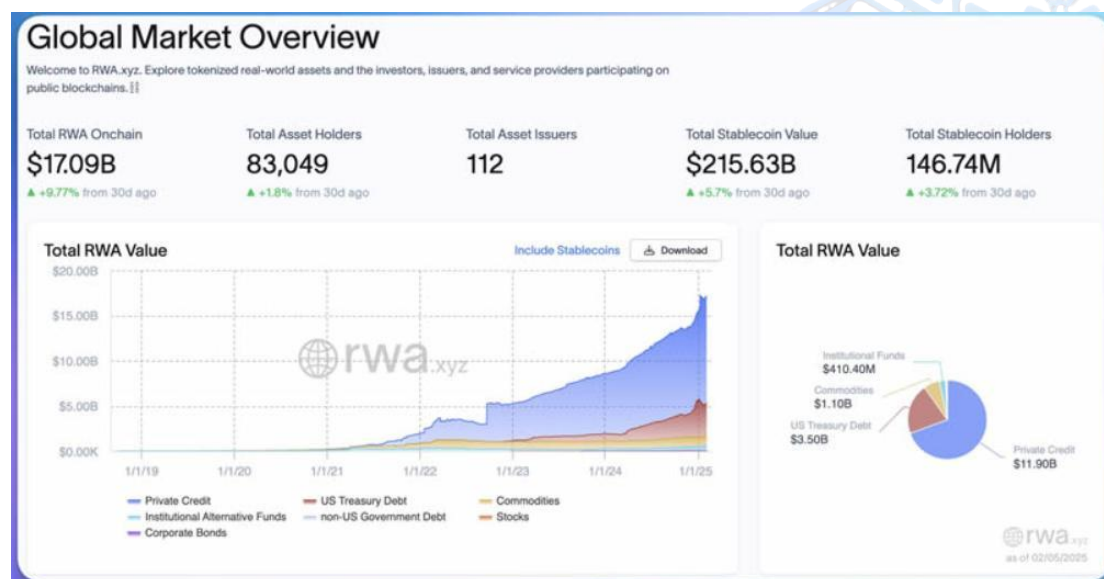
Regulatory Compliance Module: Throughout the entire life cycle of the RWA ecosystem, it guarantees that the entire operation process complies with relevant laws and regulations, and guards against systemic risks and malicious behavior.

Around these modules, the RWA ecosystem is able to realize the closed-loop operation of the whole chain from asset rights, rights distribution to transaction settlement, with each link interconnected to support a safe, efficient and transparent digital asset market.



1.4 RWA empowers innovation and upgrading of traditional industries

As a bridge connecting real assets and digital finance, RWA not only provides a new type of financing and investment, but also injects a brand-new impetus for the transformation and upgrading of traditional industries. By introducing the mechanisms of asset digitization, tokenization and fragmentation, RWA changes the circulation logic of traditional assets and promotes the optimal allocation of resources and the in-depth expansion of the market.



In the fields of culture and tourism, real estate, energy, supply chain, etc., assets are usually large in scale and illiquid, with high financing and operation costs, which limit the expansion and innovation of enterprises. By splitting these assets into standardized digital rights and interests, registering and trading them on the chain, RWA enables enterprises to obtain the required funds at lower costs and higher efficiency. Investors can then flexibly participate in various industrial projects according to their own risk appetite and capital capacity. Industries that traditionally required high levels of capital to get involved are now lowering the participation threshold through RWA's fragmentation mechanism, attracting more individual investors and small and medium-sized capitals to enter.

RWA introduces smart contracts and on-chain deposit mechanism, which enhances the transparency and trust of traditional industries. Whether it is the proof of ownership of assets, income distribution, transaction records or operational data, they are all publicly presented in a verifiable form on the chain, which reduces information asymmetry and improves the governance level of the industry. In supply chain finance, enterprises' accounts receivable, inventory, orders, etc. can be pledged for financing after RWA tokenization, accelerating capital recovery and optimizing cash flow management. In the cultural tourism industry, revenue rights such as tickets, operation rights and venue leasing can be tokenized to lock customers and capital in advance and improve resource utilization.

With the real-time data collection function of IoT devices, enterprises can upload key data in the production, operation and consumption process on the chain in real time and link it with the RWA system. This dynamic data-driven mechanism can more accurately reflect asset conditions and operational efficiency, providing a reliable basis for corporate decision-making and investor judgment. In industries that are highly dependent on the environment, such as agriculture and energy, the combination of on-chain data and asset tokenization can also promote the goal of green and sustainable development.

RWA also opens up new paths in terms of industrial synergy and resource integration. Multiple enterprises or projects can realize efficient matching of different assets, funds, and technologies by co-creation of RWA-based asset pools, forming cross-industry and cross-regional cooperation networks. For enterprises, this not only means wider financing channels, but also provides more market opportunities and cooperation possibilities. By reshaping the value discovery mechanism and circulation mechanism of traditional industries, RWA allows more dormant assets to release their potential value and promotes the development of traditional industries in the direction of digitization, intelligence and globalization.

1.5 The birth of ice and snow

In the process of maturing RWA concept and technology, various industries have explored how to realize their own digital upgrading with the help of this model. Especially in the ice and snow cultural tourism, recreation and entertainment and other typical heavy asset industries, the contradiction of huge asset scale, limited utilization efficiency and low mobility is particularly prominent, and it has become an important field that is first to be empowered by RWA. Against this background, ice and snow was born, based on the unique resource endowment of ice and snow industry and culture and tourism economy, and introduced blockchain and RWA concepts into the whole chain of industry development.

Ice and snow not only digitizes traditional assets, but also develops a complete set of RWA on-chain governance framework suitable for ice and snow industry with the laboratory as the core of technological innovation, including asset on-chaining, revenue distribution, dynamic management, cross-chain deployment and data interoperability and other dimensions. Through the in-depth combination of technology, capital and industry, IAS has created a globally oriented digital model for the ice and snow culture and tourism industry. Ice and snow has also introduced the international resources and capital advantages of Ecological Civilization Holding Group, actively attracting external funds, strategic partners and international investors to promote the digital transformation and globalization of the ice and snow economy.



Chapter 2

Overview of ice and snow

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2.1 Introduction to ice and snow

ice and snow is an industrial digitalization platform based on blockchain technology and adopting the RWA model, which is committed to promoting the digitization of assets and improving the circulation efficiency of traditional industries such as ice and snow, culture and tourism, and recreation and health. The project is initiated by IAS Blockchain Lab, a foundation of Eco-Civilization Holding Group. Relying on the Group's profound industrial resources and rich operational experience, the project aims to open up the gap between capital and the real economy, unleash the potential of the industry, and attract the participation of global investors by converting real-world assets with large-scale and inefficient flow into tradable digital tokens.

Founded in August 2024 and headquartered in Hong Kong, Eco-Civilization Holding Group upholds the concept of "Ice and snow is also a golden mountain", and has been working hard in a number of industrial sectors such as cultural tourism, recreation and health care, agriculture, performing arts, and education. A number of ice and snow scenic spots and supporting facilities operated by the Group in Harbin have become iconic cultural tourism resources in the region. Meanwhile, the Group has completed the leap from a regional enterprise to an internationalized group through mergers and acquisitions, listing, and expansion of the international capital market. In the process of ploughing the traditional industries, the Group realized that ice and snow, culture and tourism, recreation and health care industries have long faced the structural problems of heavy assets, slow recovery, difficult financing and low efficiency.

ice and snow focuses on the core resources in the industry chain, such as ice and snow scenic spots, performing arts IPs, recreational and healthcare real estate, and cultural and tourism projects, etc. It evaluates and breaks down these assets in a standardized, transparent and compliant process, and maps the interests onto the chain. After tokenization, the assets are broken down into smaller and more flexible investment units, which lowers the participation threshold, improves the liquidity of the assets, and attracts more investors of different levels to participate. Through this model, ice and snow not only provides diversified financing channels for assets, but also provides low-threshold and diversified allocation opportunities for investors.

The core functions of ice and snow include asset registration, appraisal, tokenization, transaction circulation, income distribution and on-chain governance. The asset registration link carries out a comprehensive review and value confirmation of assets through cooperation with authoritative assessment agencies and decentralized prophecy machines to guarantee the authenticity and stability of on-chain assets. The assessed assets are issued with standardized tokens in accordance with a preset ratio, and token holders can trade freely on the chain, with proceeds automatically distributed in accordance with the ratio of coin holdings through smart contracts. All processes are open and transparent, avoiding intermediary draws and information asymmetry under the traditional model.

In terms of technical architecture, ice and snow integrates a number of advanced technologies such as blockchain, Internet of Things, smart contracts and cross-chain interoperability. Blockchain ensures that transaction and asset records are tamper-proof and traceable, smart contracts realize the automated execution of transaction logic and revenue distribution, IoT equipment provides real-time asset status data and uploads it to the chain for verification, and cross-chain protocols solve the problem of data interoperability between different blockchains to ensure the scalability and openness of the platform.

In the future, ice and snow will rely on the in-depth integration of blockchain and RWA technology, continue to release the asset potential of ice and snow, culture and tourism, and recreation and healthcare industries, promote the transformation of traditional resources towards digitization, fragmentation, and create an efficient circulation platform for global investors.



2.2 IAS Blockchain Lab

IAS Blockchain Laboratory is the core of technological innovation and R&D of the whole project, assuming important responsibilities such as the design of the platform's underlying architecture, protocol research and development, application landing and continuous optimization. Initiated and established by Ecological Civilization Holding Group, the lab brings together experts and engineers from various fields such as blockchain, Internet of Things, cryptography, financial engineering, etc. The lab is committed to combining cutting-edge technologies with industrial demands to build a secure, efficient and scalable RWA asset management and transaction system.

One of the main research directions of the lab is blockchain-based asset mapping and rights confirmation mechanism. By designing a set of standardized processes for asset evaluation, registration, splitting, and chaining, the lab ensures that the asset tokenization process is both compliant and efficient. In this process, the lab works closely with authoritative assessment organizations, legal advisors, and prophecy machine networks to fully validate and on-chain certify asset value, risk, and ownership, and provide investors with reliable digital certificates of rights and interests.

Another key direction is the development of smart contracts and on-chain automation logic. The lab has customized a variety of smart contract templates for specific industrial scenarios such as ice and snow, culture and tourism, and recreation and health care, which are used to manage income distribution, lease return, asset transfer, ticket settlement and other businesses. These smart contracts are fully automated by embedding rules and conditions, eliminating a large number of manual interventions in the traditional model and reducing operational costs and dispute risks. The lab has also developed contract versions for different regulatory regions to ensure that the operations comply with local laws and regulations.

In terms of IoT data access, the lab has independently developed the on-chain data interface and real-time deposit mechanism, solving the problem of connecting real-world asset data with the on-chain world. By deploying sensors, camera equipment and remote collection systems, the lab is able to obtain real-time operational data of ice and snow venues, recreational real estate, performing arts activities and other projects, and automatically upload them to the chain at certain intervals. The lab has also developed a data verification and error correction module to ensure the authenticity and consistency of the uploaded data, providing investors and regulators with a transparent and credible data source.

The IAS Blockchain Lab not only serves as a technology research and development center, but also assumes the responsibility of technical standard setting and industry incubation. Through continuous technological innovation and scenario verification, the lab promotes the continuous improvement of the platform's technology system, and outputs standardized solutions and development tools to provide support for ecological partners and help more industries realize digital transformation.

2.3 Core Value Proposition

The core value proposition of ice and snow is to realize the efficient circulation, transparent management and value release of real-world assets through technology-driven, model innovation and resource integration. The project is based on ice and snow, culture and tourism, recreation and health care and other asset-heavy, low liquidity industries. Through the blockchain and RWA model, the project transforms precipitated assets into digital rights and interests, so that they can be participated in and transacted in a broader and more convenient way.

First of all, ice and snow advocates the value concept of lowering the participation threshold and improving the accessibility of assets. Large assets in traditional industries often have extremely high requirements on the size of investor capital and cumbersome transaction procedures, limiting the participation of a large number of potential investors. ias, through a standardized and fragmented tokenization mechanism, splits high-value assets into small-dollar digital rights and interests, reduces the amount of a single investment, and registers and transacts them on an open and transparent blockchain network, allowing investors to flexibly allocate them in accordance with their own risk-tolerance ability. The first step is to make sure that investors can make flexible allocations according to their own risk tolerance ability.

Secondly, ice and snow adheres to the principles of openness, transparency and trustworthiness to reshape the trust mechanism of asset management. The project records the ownership relationship, operation data, transaction process and income distribution of assets through the blockchain, and all the information is verifiable and non-tamperable on the chain, which avoids the information asymmetry and intermediary dependence under the traditional mode and enhances investors' confidence in the safety and authenticity of assets. Intelligent contracts automatically execute the distribution of rights and interests, reducing human intervention and ensuring the efficiency and fairness of the transaction process.

ice and snow also advocates taking the actual needs of the industry as the guide and realizing the close integration of financial services and industrial operations. The project designs customized on-chain governance logic and token economic model for the characteristics of ice and snow, culture and tourism, and recreation and healthcare industries to ensure that the digital rights and interests can reflect and match the real industry scenarios. For example, in the snow and ice industry, the rights and interests of scenic spot operation income, leasing rights, ticket income, etc. are mapped onto the chain in the form of tokens, and investors can enjoy corresponding dividends by holding the tokens; in the recreation and health sector, the rights and interests of recreation and health real estate income are split to realize the dynamic circulation and return of funds.

The platform also puts forward the value orientation of compliance, security and innovation, pursuing the efficiency and flexibility brought by model innovation while fully respecting the regulatory environment and legal system. Through the introduction of compliance review, KYC/AML process, third-party auditing mechanism and privacy protection technology, the platform balances the relationship between user privacy, platform security and regulatory requirements so that the program can develop in a sustainable and healthy manner.

Another dimension of ice and snow's core values is to promote the global allocation of capital and resources. The platform attracts global investors through cross-chain technology, multilingual interfaces and an asset standard system that is in line with international standards, realizing efficient global allocation of capital, technology and resources, and expanding market coverage and resource integration capacity.

2.4 Core Advantages

Based on its profound industrial accumulation and technological innovation ability, ice and snow has formed differentiated competitive advantages in asset digitization, platform architecture, operation mode and capital expansion. The platform combines the actual needs of heavy asset industries such as ice and snow, culture and tourism, and recreation and health care, and builds a solution covering the whole process of asset evaluation, tokenization, circulation and governance, breaking the limitation of insufficient liquidity of traditional assets.

Relying on the ice and snow, culture and tourism, and recreation and health projects operated by Ecological Civilization Holding Group over a long period of time, the platform integrates a wealth of high-quality assets such as scenic spots, performing arts, recreation and health real estate, and tourism IPs. These assets are characterized by high market recognition, stable cash flow and rich scenarios, providing solid underlying support for asset digitization. Through in-depth connection with the Group's business system, the platform can continuously acquire and optimize the asset pool to ensure the diversity and reliability of the uplinked assets.

In terms of technical architecture, ice and snow has established a highly integrated blockchain asset management system. The links of asset confirmation, token issuance, transaction circulation and revenue distribution are organically combined to form a standardized and automated processing chain. The platform R&D team has developed exclusive smart contract templates for ice and snow, recreation and tourism scenarios to simplify business logic and improve processing efficiency. With the help of Internet of Things (IoT) devices to collect asset status data in real time and deposit the certificate on the chain, the operation of assets can be verified in real time, providing investors with a quantifiable basis for decision-making.

In terms of operational design, ice and snow emphasizes the balance between flexibility and compliance. Through standardized splitting and tokenization issuance, high-value assets are transformed into more acceptable micro-investment units, adapting to investment groups with different risk preferences. Smart contracts realize the automated execution of the whole process, covering multiple links such as transaction aggregation, dividend payout and clearing, significantly improving overall efficiency. The platform has built-in KYC/AML processes, audit mechanisms and privacy protection programs to ensure that compliance requirements are met while safeguarding user privacy.

In terms of capital operation, ice and snow leverages the Group's resources and internationalized layout to obtain multi-channel capital support, attracting the attention of strategic investors, industrial funds and international capital. The extensive capital network not only ensures asset liquidity, but also enhances the platform's ability to withstand market risks.

Through the introduction of cross-chain technology and open standards, ice and snow breaks the barriers between geography and public chains, allowing assets to be freely issued and circulated on different chains. In response to the needs of global users, the platform also provides multi-language support and localized compliance services, lowering the participation threshold of international investors and enhancing the penetration of the global market.

2.5 Crypto Capital Support

ice and snow has received strategic support from a number of world-renowned investment institutions, including EcoFuture Capital, Global Blockchain Partners, Digital Horizons Fund, Green Earth Ventures and Future Assets Alliance. EcoFuture Capital

- EcoFuture Capital: As an investment organization focusing on sustainable development and technological innovation, EcoFuture Capital has invested in a large number of green energy, cultural and tourism technology and blockchain projects around the world. EcoFuture Capital has invested in and promoted a number of cross-border integration platforms, such as SolarEdge and ClimateChain. The participation in ice and snow is aimed at exploring more opportunities for combining ecological civilization construction and digital finance through its innovative model of combining ice and snow industry with digital assets.
- Global Blockchain Partners: this is a New York-based blockchain special investment fund, founded in 2016, dedicated to investing in blockchain projects with mature technology and huge market potential. Its key investment directions include asset on-chaining, cross-chain interoperability protocols and decentralized application platforms, with typical cases including Polkadot, Chainlink, Avalanche and so on. By supporting ice and snow, Global Blockchain Partners hopes to promote the in-depth implementation of RWA technology in the ice and snow, culture and tourism, and health and wellness industries.
- Digital Horizons Fund: As a leading digital asset investment fund in Europe, Digital Horizons Fund addresses the fields of digital currencies, asset tokenization and NFT. Its investment portfolio covers trading platforms, tokenization projects, asset custody and on-chain governance, and it has invested in Kraken, BitGo, Immutable and other projects. The fund has a positive attitude towards ice and snow's exploration of industrial asset digitization and is optimistic about its global expansion potential, so it has decided to invest funds and resources to support the project.
- Green Earth Ventures is a venture capital firm that promotes the green economy and sustainable development, with a portfolio covering environmental technology, smart cities, low-carbon transportation and blockchain green applications. Green Earth Ventures' investment in ice and snow is aimed at leveraging the fit between its ice and snow economy and ecological environment construction, as well as the platform's cutting-edge use of blockchain technology, to promote the landing of green financial ecology in the digital economy.
- Future Assets Alliance: This is an international fund focusing on discovering innovative assets in emerging markets, with the concept of uncovering promising long-term value projects and participating in incubation and companion growth. The fund invests in cutting-edge sectors such as digital finance, Web3, RWA and meta-universe, etc. Future Assets Alliance chooses to support ice and snow based on the high recognition of its innovative business model, global market expansion capability and resource integration ability, and will provide long-term support in terms of strategic planning, capital injection and market resources.



Chapter 3

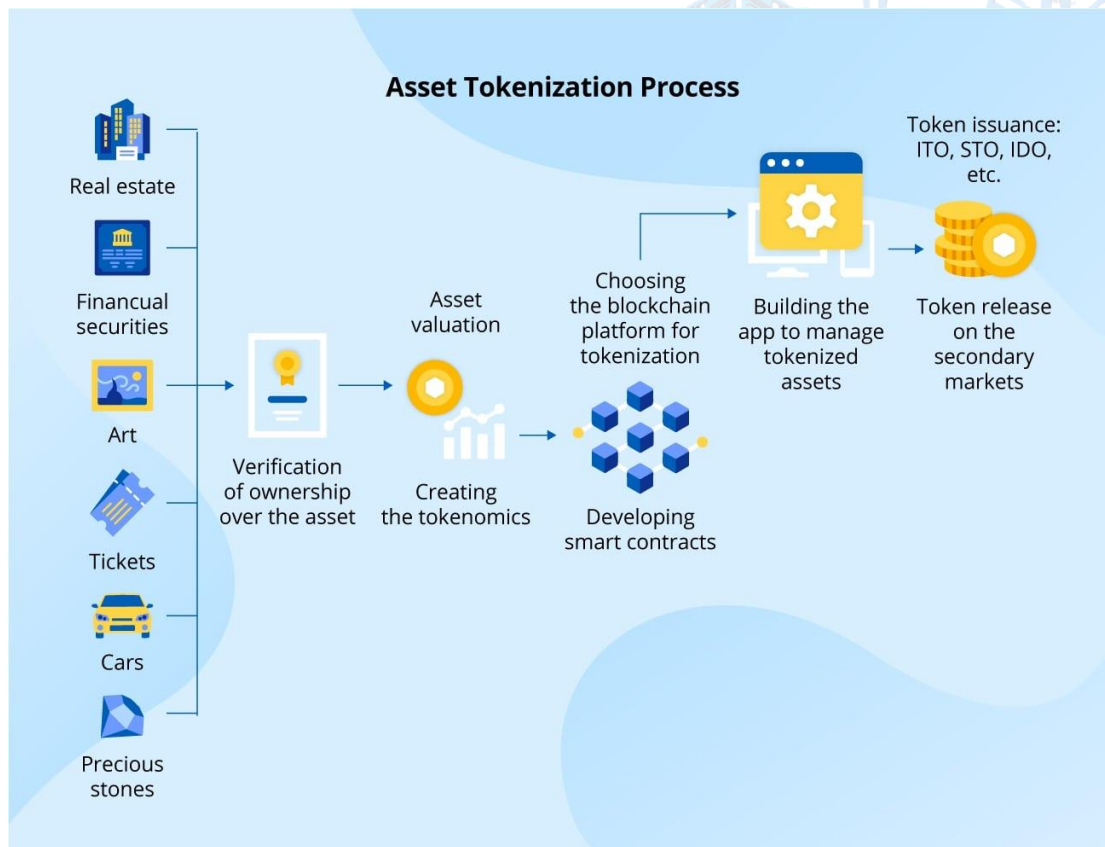
Technical Architecture

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3.1 Decentralized Asset Registration and Rights Mechanism

The ice and snow platform adopts a decentralized asset registration and rights confirmation mechanism, which disassembles the traditional registration process controlled by a centralized institution into a standardized, transparent and verifiable on-chain process to ensure that the ownership of each on-chain asset is clear, unique and tamper-proof.



In this mechanism, each asset to be uploaded to the chain first undergoes off-chain asset evaluation and legal verification, which is jointly completed by the platform's cooperating evaluation companies, legal advisors, and external credible institutions such as real estate registration centers, to ensure that the asset itself truly exists and the property right is not disputable. After completing the initial verification, the asset owner is required to submit detailed information on the platform, including ownership documents, historical transaction records, appraisal reports, etc., and generate encrypted digital abstracts to be used as the indexing basis for on-chain registration.

The platform interfaces with external data sources through the built-in prophecy machine network to introduce these validated data into the chain. The prophecy machine network consists of a set of distributed nodes, which perform multi-node consensus verification when receiving asset data, and confirm the data through techniques such as threshold signatures or multi-party security calculations to prevent single-point tampering and forgery. Each asset is given a unique digital identity (Token ID) on the chain, and corresponds to the off-chain file through a tamper-proof hash value, forming an on-chain-off-chain mapping.

The digital identity of an asset contains attribute information in multiple dimensions, such as owner, asset type, geographic location, appraisal value, status update record, and so on. These attribute data are packaged on the chain and can be publicly verified through the on-chain browser, meeting the needs of regulatory compliance and investor due diligence. For dynamically changing asset status, the platform supports real-time updating of status data and writing it to the chain to form a complete time-stamped record, ensuring that every event in the asset's life cycle is traceable.

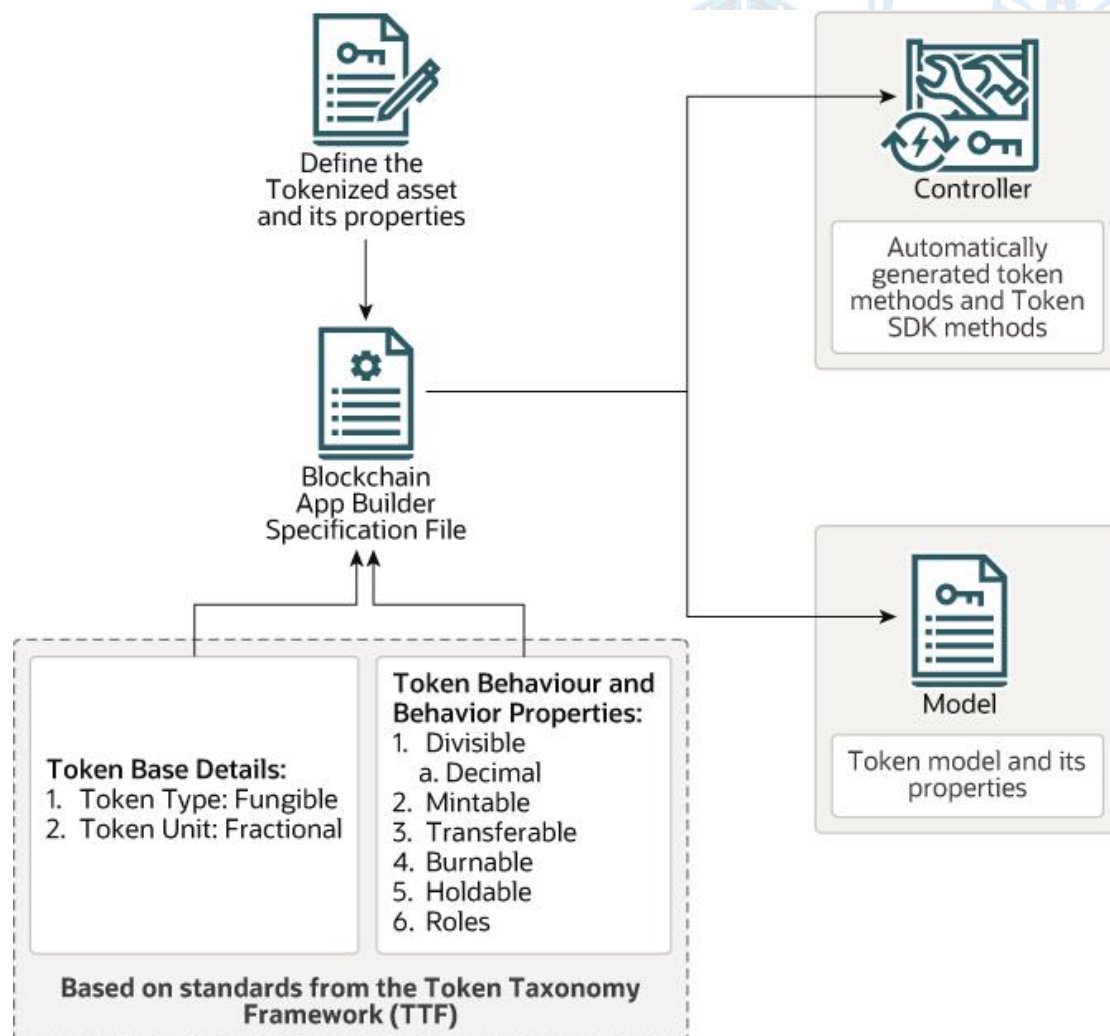
In the process of confirming rights, the platform adopts a distributed consensus mechanism based on blockchain to ensure that asset registration can be completed without relying on a single center. Once a transaction is confirmed by a block, the asset information is stored redundantly across the network nodes, which is tamper-proof and censorship-resistant. In order to prevent duplicate registrations, the platform has designed a conflict detection algorithm that scans the entire chain for existing Token IDs and property rights information, and once a potential conflict is detected, registration is automatically rejected and the user is prompted to correct the material.

In order to balance performance and privacy, the platform adopts a combination of on-chain and off-chain storage architecture in asset registration. Highly sensitive ownership details and complete contract documents are stored in encrypted off-chain storage, while only the encrypted hash value and core summary information is recorded on-chain. This design satisfies the asset owner's need for privacy protection and also guarantees data verifiability.



3.2 Standardized Tokenization Protocol Design

In order to ensure that these rights and interests are secure, verifiable and interoperable on the chain, ice and snow adopts a standardized tokenization protocol system to accurately map different types of rights and interests to on-chain tokens that meet compliance and technical requirements.



In terms of token standard selection, the platform designs flexible and standardized protocol combinations based on asset types, legal attributes and investor needs. For securities assets that require compliance regulation, such as real estate income rights or corporate equity income rights, the platform adopts a security-based token standard based on the ERC-1400 series. The standard combines the transferability of ERC-20 with the uniqueness of ERC-721, while adding controls under regulatory requirements such as whitelisting, freezing, redemption, and mandatory transfers to meet the rules for tokenizing securities in different jurisdictions.

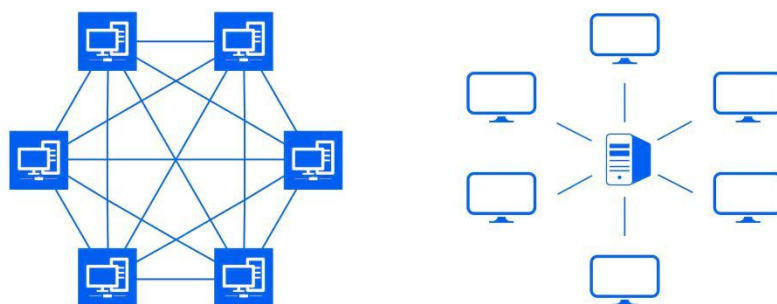
For non-security assets, such as tickets, membership rights, artwork rights, etc., the platform adopts the ERC-721 or ERC-1155 standard to support the uplinking of non-homogenized assets, ERC-721 ensures that each token has a unique identifier, which can be used to record the attribution and status of a specific asset, while ERC-1155 meets the uniqueness of the NFT and allows the mixed existence of homogenized and non-homogenized assets. ERC-1155 allows for a mix of homogenized and non-homogenized assets while satisfying the uniqueness of NFTs, and is suitable for interests with bulk attributes, such as batches of tickets and time periods of venue rentals.

During the token issuance process, the platform automatically completes the minting, distribution, locking and unlocking operations through smart contracts, avoiding errors and delays caused by human intervention. When minting, the asset party submits the registered and completed on-chain asset certificate and tokenization parameter configuration file, and the contract generates a fixed number of tokens according to the pre-defined logic and writes them to the address of the token smart contract. Upon completion of issuance, the tokens will be automatically distributed to the address specified by the investor or asset party and will be publicly available on the chain.

For the special needs of different industries and scenarios, ice and snow also supports customized token attribute configuration. For example, for projects that require period-by-period release of revenue, time-lock contracts can be set up to realize phased unlocking; for projects that require liquidity protection, repurchase clauses and destruction mechanisms can be embedded; and for investors that need to participate in governance, the tokens can be bound to voting weights and incorporated into the on-chain governance framework. These flexible designs make tokens not only a value carrier, but also can assume multiple functions such as governance, incentives and identity authentication.

In order to ensure the security of tokens and standards compatibility, the platform introduces a scalable framework and tamper-proof mechanism in the token contract. The scalable framework enables the platform to repair or optimize the contract logic without affecting the issued tokens; and the anti-tampering mechanism prevents the token contract from being maliciously tampered with or replayed by means of multiple signatures, hash checking and auditing logic.

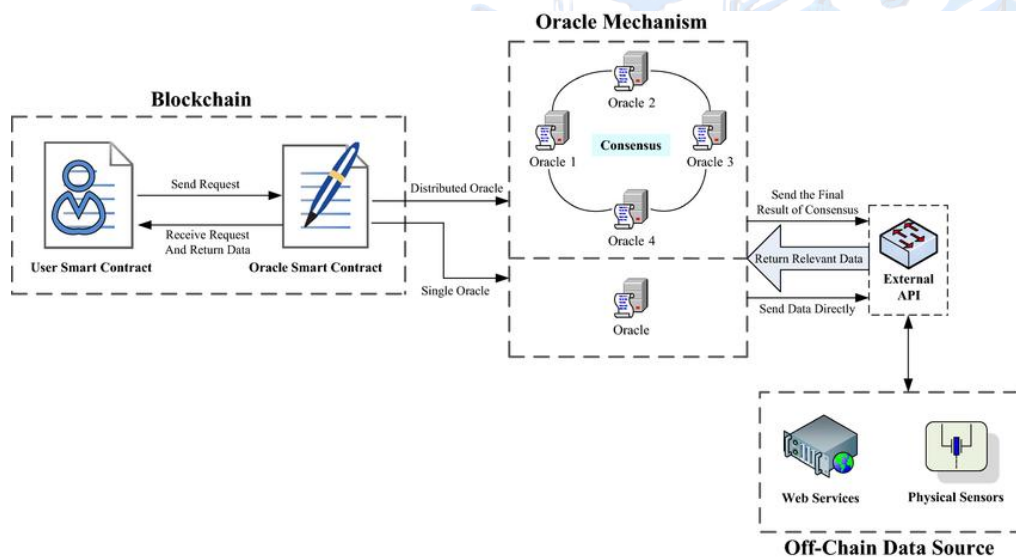
In terms of interoperability, the design of the platform's tokens strictly follows mainstream public chain standards and supports mapping and trading on multiple chains through cross-chain protocols. Investors can seamlessly use tokens between different exchanges, wallets and decentralized applications, enhancing overall liquidity and market coverage.



3.3 Trusted Data Collection Prophecy Machine Network

The ice and snow platform securely and transparently accesses the dynamic information of assets to the blockchain by constructing a trusted data collection system and a prophecy machine network, realizing the consistency and synchronization between the on-chain and off-chain statuses, and guaranteeing that the tokenized assets always have a stable value anchoring.

The platform deploys a variety of IoT devices at the asset site for continuous collection of operational data. These devices are flexibly selected according to asset types and scenarios, such as passenger flow counting sensors for ice and snow scenic spots, occupancy rate detectors for recreational and healthcare real estate, ticketing system interfaces for performing arts events, and energy consumption and environment monitoring devices for venues. These devices generate raw data in real time according to a predetermined frequency and trigger conditions, and upload it after completing local encryption and signature through edge computing devices, ensuring that the data source is authentic and untampered with.



In order to introduce off-chain data security into the blockchain, the platform builds a prophecy machine network composed of decentralized nodes. Each node is run independently by different operators and uses a consensus mechanism to verify the collected data. When new data is reported from an IoT device to a node under the chain, multiple nodes in the prophecy machine network read, compare and sign simultaneously. Only when a preset number of nodes reach consensus, the data is written to the chain. This design reduces the risk of a single point of failure or malicious nodes manipulating the data.

During data transmission, the platform employs multiple encryption and channel isolation technologies. Off-chain devices generate public-private key pairs through hardware security modules and sign data to prevent forgery; data transmission uses TLS or blockchain proprietary protocols to encrypt communication and prevent eavesdropping and tampering. The platform also utilizes a timestamp server and anti-replay mechanism to prevent old data from being repeatedly injected or delayed in reporting.

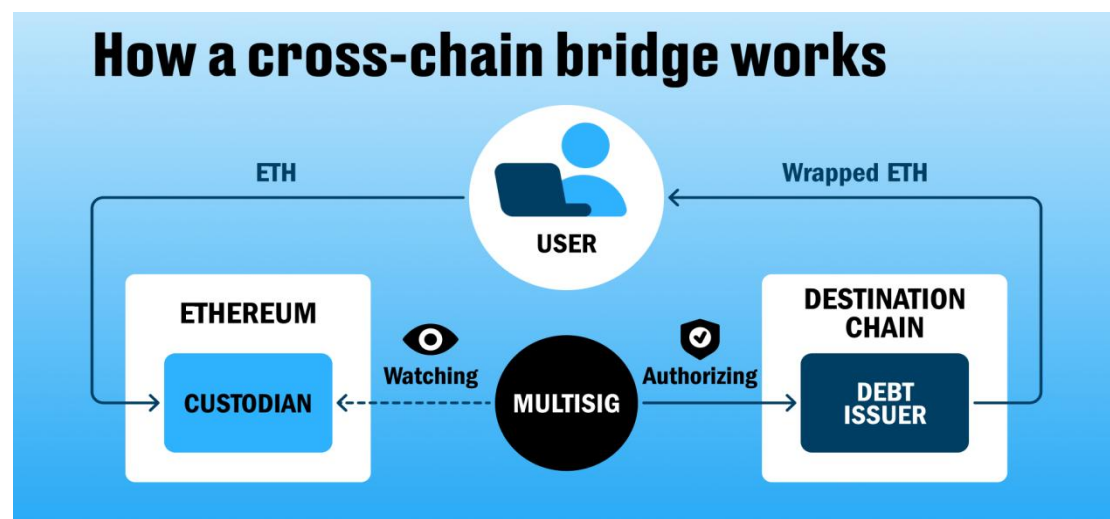
After the data is uploaded to the chain, the platform utilizes hash checksums, Merkle trees, and other technologies to deposit evidence on the chain, while retaining the ciphertext of the original data off the chain. Only the necessary summary information is saved in the on-chain depository, which ensures the performance and takes into account the privacy protection at the same time. Regulators, investors and asset owners can verify the consistency of the on-chain data with the off-chain data through the platform's interface without directly accessing sensitive content.

For high-frequency data and critical event data, Prophecy Machine Network has designed a layered collection mechanism. High-frequency operational metrics are uploaded to the chain and updated every few minutes, while critical events (e.g. asset transfers, repairs, accidents, etc.) are instantly triggered and written to the ledger in an event-driven manner. This avoids overloading the chain and ensures timely reflection of important status.

In order to improve attack resistance and network stability, the platform's predicate nodes are fault-tolerant and dynamically scheduled. When a node is down, delayed or behaves maliciously, other nodes can automatically take over the task and replace the failed node through the on-chain governance module. Meanwhile, the platform supports the expansion of data sources to third-party trusted sources, such as financial market quotes, authoritative industry databases, satellite images, etc., to form a richer and more robust data base.

3.4 Multi-chain Interoperable Asset Circulation Protocol

Multi-chain interoperable asset circulation protocol enables tokenized assets to be freely transferred between different public chains and alliance chains and maintain consistency, achieving wider market coverage and higher liquidity.



The platform's interoperability protocol adopts a modular architecture, combining technologies such as relay chains, side chains, decentralized cross-chain bridges and standardized messaging. Each mechanism is optimized for different scenarios and security requirements, and supports seamless integration with existing mainstream public chain ecosystems.

The relay chain mechanism maps and synchronizes state changes between different chains by maintaining a consensus layer and state relay nodes on a neutral chain. When assets are transferred, the locking operation of the source chain is recorded by the relay chain, and the target chain completes the release after verifying the locking credentials. This mechanism is characterized by decentralization, high consensus security and good compatibility, and is suitable for cross-chain transfer of high-value assets.

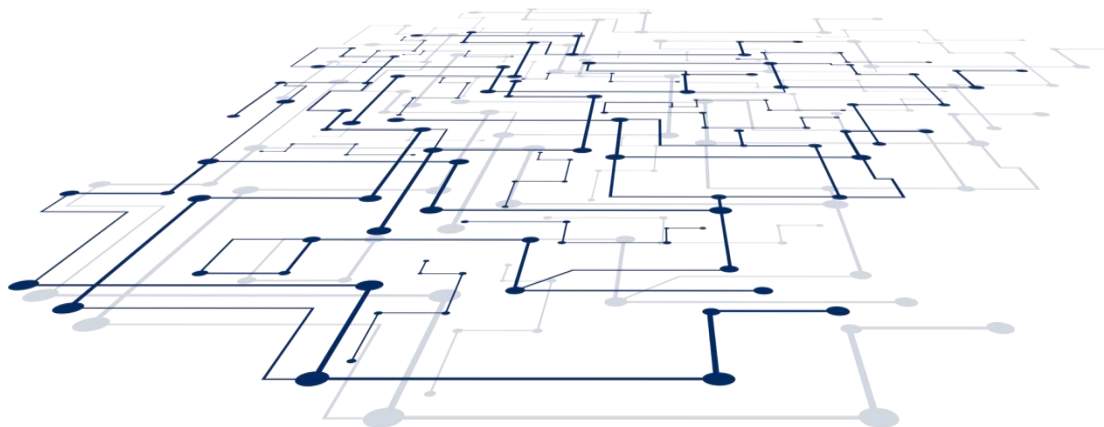
For scenarios with higher performance requirements, the platform introduces side chain architecture. After completing registration and freezing on the main chain, assets can be quickly traded and settled in the high-performance side chain, which periodically synchronizes its status with the main chain. The side chain achieves consistency with the state of the main chain by submitting batch proofs or Merkel roots, while reducing the burden on the main chain and improving transaction throughput.

The platform's decentralized cross-chain bridge technology is primarily applied to asset transfers between two completely independent public chains. The bridge is operated by multiple independent verifiers, verifying lock-and-release operations through multi-signatures, threshold signatures, or zero-knowledge proofs. The design of the cross-chain bridge ensures that even if some of the nodes are malicious or down, the entire bridge can still maintain normal operation and ensure the safety of funds.

In terms of messaging standards, the platform adopts cross-chain communication protocols that comply with current norms. Through these protocols, not only can asset status changes be delivered, but also complex inter-chain logic calls and event subscriptions can be realized, supporting richer business scenarios.

When assets are used across chains, the platform has designed a dual verification mechanism. The first layer of verification comes from the on-chain contract, which ensures state consistency by detecting lockouts, hash time locks, Merkle proofs, etc.; the second layer of verification consists of consensus confirmation of the state by the prognosticator network and relay nodes and the generation of non-repudiation proofs. This dual mechanism significantly reduces the risk of forgery or tampering.

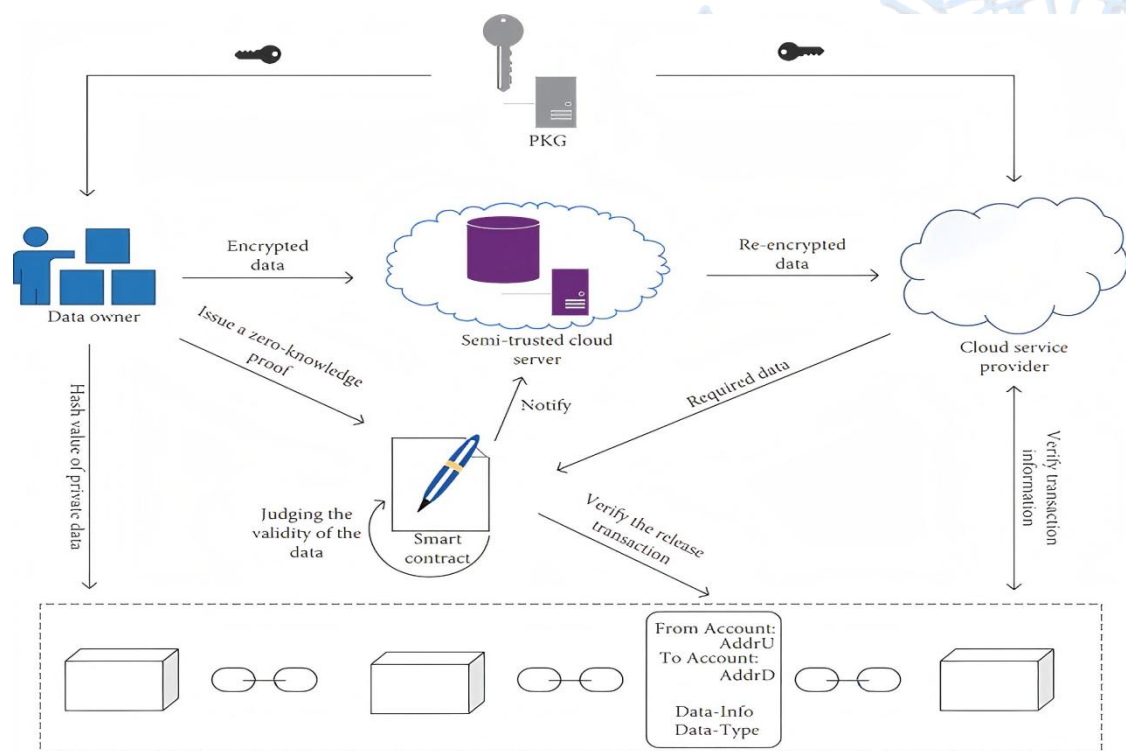
The platform also supports off-chain mapping table and anchored proof deposit technology, which are used to enhance the user experience of cross-chain operations. When an investor makes a cross-chain transfer, he or she only needs to submit one operation, and the system will complete all locking, verification, release and deposit processes in the background, and generate new tokens or update the balance in the target chain.



3.5 Privacy Protection

ice and snow has designed a comprehensive privacy protection and security protection system to effectively protect the privacy of asset owners and investors and defend against potential attack threats while ensuring that the data is credible and auditable.

The platform introduces Zero Knowledge Proof (ZKP) technology at the privacy protection level, which is used to prove the authenticity of data without exposing its specific content. For example, in the revenue distribution scenario, the smart contract only needs to verify the correctness of the revenue calculation and token distribution, without disclosing the amount and details of each specific distribution. With zk-SNARKs and zk-STARKs, the platform is able to realize efficient proof of privacy and significantly reduce the computational load on the chain.



For contract logic that needs to participate in verification, the platform also adopts Multi-Party Secure Computing (MPC) technology, which splits the computation task into multiple subtasks and distributes them to different nodes for execution. Each node completes part of the computation without sharing the original data, and summarizes the results to get the correct output in the end. MPC is suitable for scenarios such as asset price evaluation, risk analysis, and calculation of sensitive indicators to avoid a single point of privacy leakage.

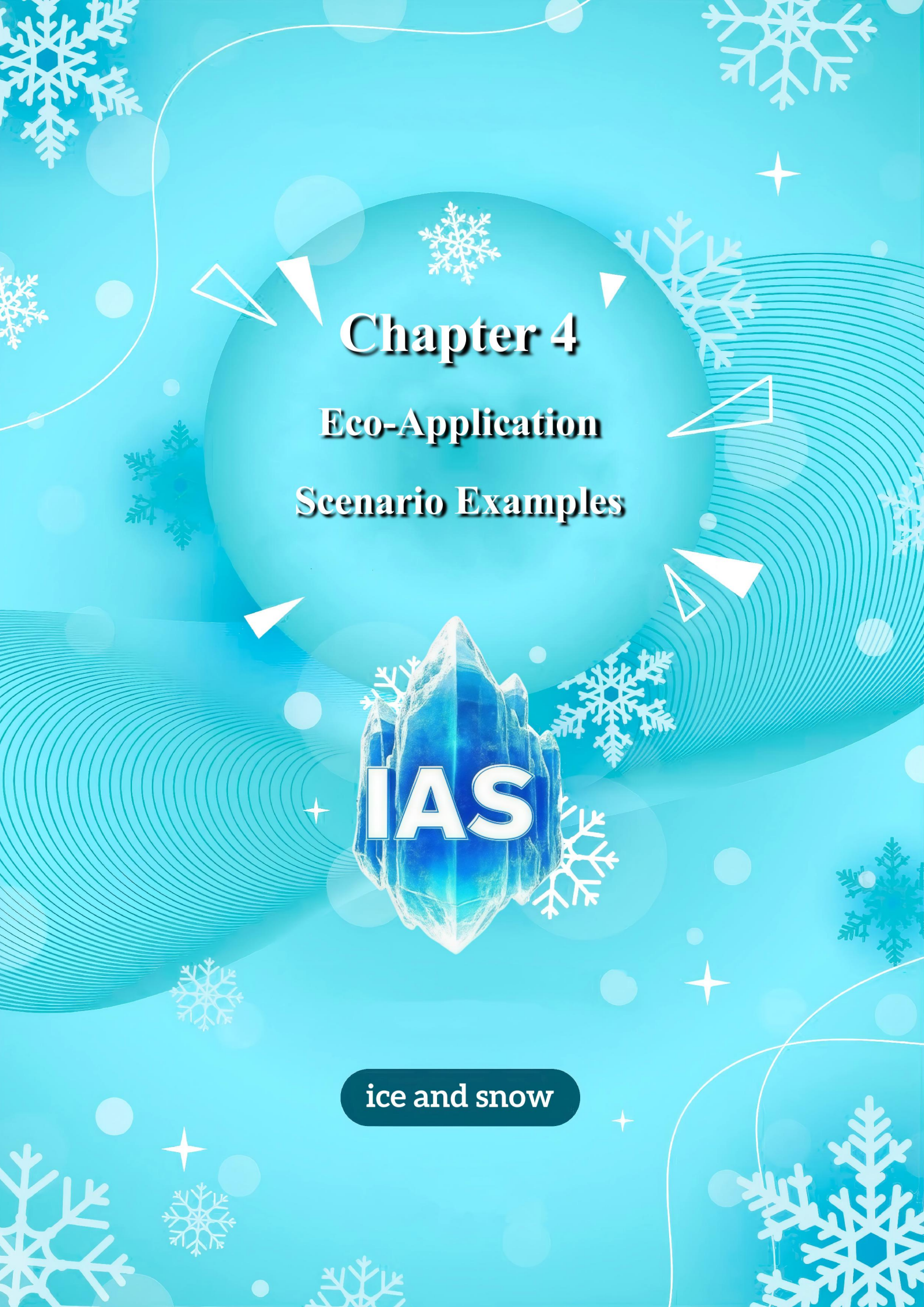
The data storage architecture uses a combination of on-chain and off-chain. The data recorded on the chain only retains the necessary hash digests and timestamps, while the complete proof of asset ownership, contract documents, proof of identity and other sensitive documents are encrypted and stored off the chain, and access to them is subject to privilege verification. The storage layer uses distributed storage systems (e.g. IPFS, Arweave) combined with hardware security modules (HSM) to achieve distributed redundancy and key isolation, reducing the risk of centralized leakage.

In terms of transaction privacy, the platform introduces hybrid transaction pool and anonymous address technology. When users submit a transaction, they can choose to separate the transaction from their identity through the hidden address and hybrid mechanisms, making it difficult to trace the publicly available transaction track on the chain back to a specific individual. For users who need strong privacy protection, the platform also supports technologies such as integrated ring signature and blind signature to further enhance anonymity.

In terms of security protection, the platform builds a defense system at four levels: smart contract, node network, user terminal and governance mechanism. Smart contracts undergo static code analysis, formalized verification and third-party auditing before deployment to prevent common attacks such as reentry and overflow. The node layer adopts multiple signatures, privilege isolation and DDoS protection to improve network robustness. The terminal side implements hardware wallet, two-factor authentication, wind control monitoring and other measures to reduce the risk of account theft. The governance layer sets up an emergency suspension mechanism and a multi-party arbitration program to quickly respond and restore system stability when abnormal behavior is detected.

The platform also conducts penetration tests and vulnerability bounty programs on a regular basis, and introduces external security researchers to identify potential risks. For high-risk links such as cross-chain operations, prophecy machine input, and asset custody, the platform has formulated specialized monitoring and emergency response plans to reduce the spread of systemic risks.





Chapter 4

Eco-Application

Scenario Examples

IAS

ice and snow

4.1 Digitalization Application of Ice and Snow Tourism Assets

As a seasonal and capital-intensive industry, the ice and snow tourism industry has long been constrained by limited financing channels, low asset utilization rate, and high investment thresholds, etc. The ice and snow platform, by introducing the RWA model, standardizes, fragments, and maps multiple types of assets in the ice and snow tourism to on-chain tokens, breaking the traditional barriers to financing and trading, and realizing the efficient circulation of assets and revenue sharing.

In terms of scenic resources, the platform takes ski resorts, ice sculpture parks, hunting grounds, ice and snow festival activity venues, etc. as the basis, unitizes their future ticket revenue rights, operation rights, advertising interests and other assets, and directly links them to tokens on the blockchain. Each asset unit will undergo professional evaluation and legal review during registration, generating tamper-proof asset vouchers on the chain and embedding smart contract control logic. By purchasing tokens, investors can hold interests in the corresponding asset units in proportion to their holdings, and share the subsequent operating income in proportion to their holdings.

In order to improve the sense of participation and active consumption of tourists, the platform also connects the ticketing system of ice and snow scenic spots to the chain and issues digital tickets based on NFT. Each NFT ticket records the visitor's identity, entry time, seat information, additional services, etc., and is associated with the visitor's other consumption records as an identity mark on the chain. Visitors can purchase, transfer or collect NFT tickets directly through the wallet, which enhances the circulation and added value of the tickets, and also provides data support for the scenic spots to realize accurate marketing and premium sales.

In terms of operational data collection, the platform deploys an IoT network covering the entire area of the scenic spot, and real-time monitoring of operational indicators such as passenger flow, energy consumption and service quality is performed through smart gates, cameras, sensors and other devices. These data are uploaded on the chain after edge computing, and dynamically bound to the asset tokens, so that investors can inquire about the operation status and income performance of the scenic spot in real time, and adjust their investment portfolio based on the data. The regulator can also verify the operation compliance and safety management level of the scenic spot through the platform.

For temporary activities and seasonal projects, such as ice and snow festivals, winter events, light shows, performances, etc., the platform supports the rapid generation of short-cycle digital asset packages. The event party can package and tokenize the interests such as venue rental, advertising space, VIP tickets, title rights, etc., lock the funds in advance and raise them publicly. After investors participate proportionally, they can settle the proceeds at the end of the event. This flexible short-cycle digital asset design improves the ice and snow tourism industry's responsiveness to market changes.

In terms of financing innovation, the platform also designs structured products such as RWA-based convertible bonds and income certificates. Asset owners issue tokenized convertible bonds by pledging future cash flows, and investors enjoy fixed returns and can choose to convert them into equity or other interests when conditions are met. The platform automatically calculates the income through smart contracts and distributes it on a regular basis, which reduces the capital pressure on the asset side and ensures the investors' rights and interests at the same time.

4.2 Distribution of Rights and Interests in the Cultural and Tourism Asset Chain

The cultural and tourism industry covers diversified asset types such as scenic spot operation, performance activities, hotel accommodation, cultural IP authorization, etc., and there are many participants and complex revenue structures. ice and snow platform standardizes and tokenizes the revenue right, usage right and governance right of cultural and tourism assets through the on-chain rights and benefits allocation mechanism and realizes the automated allocation by using smart contracts, which improves the dividend distribution efficiency and reduces the management cost, and provides investors with transparent revenue allocation. It also provides investors with a transparent way to recognize income.

The platform has established a set of smart contract-based revenue distribution models for different cultural and tourism assets. After each project is registered on the chain, an independent distribution contract is generated according to the asset attributes, investment ratio and operation plan. The contract records the equity ratio of each participant, such as the asset owner, investor and operation manager, as well as the detailed rules of dividend frequency, priority and trigger conditions. When funds such as scenic area business income, performance box office or leaseback arrive, the smart contract will automatically execute the distribution according to the pre-set logic, and the proceeds will be released to the chain accounts of all parties in proportion.

In the scenario of multiple equity tiers, the platform has designed a distribution template that supports priority ranking. For example, some investors hold priority shares, which can be prioritized to receive a fixed percentage of returns when earnings are generated; the remaining earnings are further distributed according to the proportion of ordinary shares. This type of structured design achieves unambiguous execution through smart contracts, avoiding the delays, errors and disputes that tend to occur in traditional revenue allocation.

In order to adapt to the multi-cycle and multi-scenario characteristics of cultural tourism projects, the platform has also developed a dynamically adjusted equity allocation logic. With the real-time update of operation data, parameters such as net asset income, project valuation and risk level may change, and the smart contract will automatically adjust the dividend distribution ratio or suspend the distribution based on the latest data collected on the chain. For example, in the event of a significant drop in turnover due to a low season of tourism or an unexpected event, the platform can trigger a protection mechanism through the contract to delay or adjust the distribution program to protect the sustainability of the project.

In the field of cultural IP licensing, the platform binds the right to use IP and the right to income with NFTs to achieve fine-grained management. Each NFT represents the authorization right of a certain IP in a specific period of time and in a specific region, and the purchaser obtains the corresponding revenue by holding the NFT and recovers or transfers the NFT upon expiration. the revenue allocation rules and validity period are embedded in the contract of the NFT, and the flow of funds between the authorizer and the authorized party is completely controlled by the smart contract, which reduces the risk of human intervention and compliance.

The equity allocation of the hotel and performing arts segments is also incorporated into the platform for unified management. For the revenues of chain hotels or performing arts venues, the IoT devices deployed by the platform upload occupancy, ticket sales and consumption records to the chain in real time. The smart contract dynamically calculates the revenue and executes the allocation based on these real-time data, and investors can check the revenue details of their positions at any time through the on-chain interface.

4.3 Digital Rights and Interests Mapping in the Recreation Industry Chain

As an important track in the context of population aging and health consumption upgrading, the recreation industry has a huge market scale and stable cash flow, but has long been constrained by problems such as heavy assets, long return cycles and poor liquidity. ice and snow platform standardizes, tokenizes and maps the key assets and service interests in the recreation industry to the chain through digital interest mapping, which enhances the liquidity and investment accessibility of the assets and provides participants with the opportunity to invest. This enhances asset liquidity and investment accessibility, and provides participants with a transparent and fair way of distributing rights and interests.

In the field of recreational real estate, the platform maps the multi-dimensional rights and interests of real estate projects such as recreational centers, convalescent apartments and community facilities, such as the right to use, the right to income and the right to lease, into tokens on the chain through on-chain registration and asset splitting. Each token corresponds to a specific area or income ratio, and the asset owner distributes these tokens to investors, who hold the tokens to share the property rent, service fee and asset value-added return proportionally. The platform has embedded revenue rules, ownership information, usage period and other parameters in the token contract, and automatically performs revenue distribution and asset status update through smart contracts.

For the rights and benefits of wellness services, the platform has designed a flexible time period and package binding mechanism. Recreation services usually include health checkups, nursing care, rehabilitation training, psychological counseling and other services, and the platform packages these service rights and interests into standardized digital certificates, so that both investors and users can purchase tokens to obtain the right to use specific services. For example, users can purchase tokens for a three-month rehabilitation care package, or they can choose one-time health assessment service tokens. These service tokens are booked, verified and settled through on-chain contracts.

The platform supports customized entitlement mapping by population for the specificity of the needs of the rehabilitation industry. For different groups such as high-end clients, group clients and long-term residents, the platform provides different levels of entitlement tokens, which correspond to different types of recreational rooms, medical resources, exclusive service contents and priority usage rights. Investors and users can flexibly allocate their own rights and interests by holding these tokens in combination, and transfer and trade them in the on-chain market at any time.

In order to improve the operational transparency of recreational assets and investor confidence, the platform manages the key operational indicators of recreational centers on the chain. Indicators such as occupancy rate, customer satisfaction, room maintenance, and quality of nursing services are all collected in real time by IoT devices and uploaded to the chain for verification. Investors can inquire about the project's operation data and service quality scores in real time and adjust their positions or reconfigure their equity portfolios accordingly. Regulators can also monitor the compliance and safety of recreational services through the data on the chain.

In terms of compliance and taxation, the platform, in response to the relevant policies and legal requirements of the recreation and healthcare industry, discloses contract fulfillment records, token transaction water flow, and revenue distribution on the chain, which facilitates third-party audits and tax declarations.

4.4 Supply Chain Finance Application for Snow and Ice Industry

As a typical asset-heavy and seasonal industry, ice and snow industry involves multi-level supply chains such as scenic spot development, equipment procurement, energy guarantee, logistics and transportation, material supply, etc., with large demand and slow flow of funds, which is often faced with upstream and downstream financial constraints, long billing period, financing difficulties, etc. The ice and snow platform builds supply chain financial solutions through blockchain and RWA technology, and integrates accounts receivable, storage and warehousing accounts of all links of the ice and snow industry chain into the supply chain. The ice and snow platform builds a supply chain financial solution through blockchain and RWA technology, which digitizes, standardizes and tokenizes the accounts receivable, storage materials, lease rights and other assets in the ice and snow industrial chain, so as to improve the financing efficiency and reduce the transaction cost.

The platform digitizes the accounts receivable of manufacturers into tokens on the chain in the procurement of ice and snow equipment. These accounts receivable tokens are based on actual contracts and shipment records, and the rights registration is completed on the blockchain, and the validity is reviewed by multi-party verification nodes. Holders can quickly recover their cash flow by pledging their tokens to the platform or selling them to third-party investors, avoiding the pressure of the billing period under the traditional model. Investors receive discounted returns by purchasing these accounts receivable tokens, while the asset side receives immediate liquidity, realizing a win-win situation.

In terms of energy and material supply, the platform digitally manages suppliers' outgoing materials and inventories and binds them to real-time data from warehousing and transportation nodes. Through real-time collection of inventory status and transportation progress by IoT devices, the platform ensures that the materials corresponding to the tokens really exist and their status can be checked. Suppliers can tokenize these material ownership certificates, which can be used for pledge financing, payment of goods or transferred to downstream customers as performance guarantee. This mechanism shortens the capital chain and reduces counterparty risk.

For venue construction and lease rights, the platform supports the split of expected revenue rights based on future rental income. The constructor or venue owner can tokenize the right to rental income in the coming years and raise construction or operation funds in advance through public offering or pledging on the platform. Investors share the subsequent rental income in proportion to their token holdings, and the smart contract automatically allocates rent on a monthly or quarterly basis and updates the status of the rights.

Logistics and transportation links are also included in the platform's supply chain financial system. Through cooperation with logistics companies and insurance companies, the platform registers transportation contracts, insurance policies and cargo ownership on the chain and generates digital vouchers. Cargo owners can tokenize the vouchers for factoring financing, transporters can obtain guarantee or insurance compensation support through the data on the chain, and investors can obtain returns by holding tokens of logistics revenue right.

In order to prevent risks such as multiple pledges and repeated financing, the platform utilizes on-chain transparency and the verification capability of smart contracts to achieve information interoperability in each link of the supply chain. The whole process of asset registration, transaction, collateralization and release is open and verifiable, avoiding fraud or default triggered by information asymmetry in traditional supply chain finance.

4.5 Digital Performing Arts Assets and IP Confirmation Rights

The performing arts industry is deeply integrated with ice and snow, culture and tourism scenes, and is an important part of enhancing visitor experience and enriching cultural connotation. However, performing arts projects usually have problems such as large investment, long return cycle, difficult protection of intellectual property rights and complicated distribution of participants' rights and interests, etc. The ice and snow platform digitizes, standardizes and confirms the rights and interests of performing arts assets by means of blockchain and RWA technology, so as to realize the efficient management and release of the value of performing arts projects and intellectual property rights.

In terms of performing arts asset digitization, the platform takes the multi-dimensional revenues from ticket income, venue rental, sponsorship and naming, and derivatives sales of a performance project as the basis, and disassembles them into transactable digitized rights and interests units. Each performance project registers asset certificates and binds smart contracts on the chain at the project inception stage. Investors participate in project financing by purchasing equity tokens and share the ticket, advertisement and derivatives revenues proportionally after the performance. The token contract records the rules of revenue distribution, investment order, priority and other terms, and is automatically executed according to the operational data on the chain.

In ticketing management, the platform issues digital tickets based on NFT technology, each ticket has a unique identification and anti-counterfeiting features, and records attributes such as seats, time, and additional services, etc. NFT tickets can be purchased, transferred, or collected online, and are bound to the user's identity on the chain. Ticket proceeds are automatically pooled into the revenue pool of the performing arts program and distributed to token holders and performers by smart contracts according to preset rules. The platform also supports a dynamic pricing mechanism that adjusts ticket prices in real time according to the number of remaining tickets, market demand and other factors.

In terms of IP rights, the platform registers original content such as scripts, music, images, scene designs, etc. of performing arts works as tamper-proof digital copyright certificates through on-chain registration and timestamping services. Each original work generates a hash value and an on-chain certificate upon completion of creation, and records information such as author, time and version. The process of authorization, transfer and re-creation of works is managed through smart contracts, and the flow of funds and changes in rights and interests between the authorizing party and the authorized party are executed and recorded by on-chain contracts.

For the complex distribution of intellectual property revenue, the platform supports NFT-based royalty contracts. Every time a work is authorized, performed or used, the system automatically deducts and distributes royalties according to the proportion of the right holder and the contract. Even if the work is transferred several times in the secondary market, the on-chain contract can continue to track the ownership of the copyright and automatically distribute the corresponding proceeds to the account of the right holder.

The platform also supports multi-party collaborative co-production and co-creation scenarios. Multiple investors, artists, and producers can create jointly governed on-chain DAOs for performing arts projects, and DAO members can make proposals, votes, and decisions based on governance tokens, and project revenues are automatically distributed according to the proportion of member tokens, with open and transparent governance rules on the chain.



Chapter 4

Token Economics



IAS

ice and snow



5.1 Introduction to IAS Token

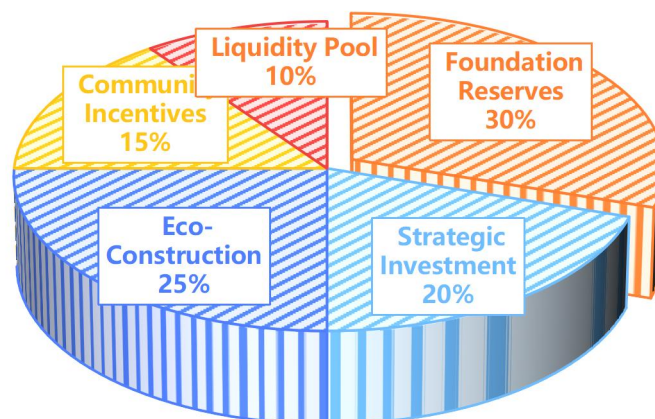
IAS tokens are the only native passes within the ice and snow platform ecosystem, which are used to carry multiple functions such as asset mapping, value exchange, revenue distribution and governance participation. As a bridge between real-world assets and the blockchain network, IAS token is not only a carrier for asset tokenization, but also a core incentive tool to drive the whole ecosystem, which is used in every aspect of asset registration, trading, revenue settlement, voting governance, etc. IAS token is the only native token in ice and snow platform.

- **Token Name:** IAS

- **Total number of tokens issued:** 1 billion

Allocation Program:

IAS Token Allocation Scale



- Foundation reserve: 30%, for long-term expenditures such as platform technology development, operation and maintenance, compliance review, market expansion and risk response;
- Strategic investment: 20%, open for subscription by early-stage strategic investors, industrial partners and institutional investors;
- Ecological construction: 25%, used to incentivize developers, content creators, application operators and ecological partners;
- Community Incentives: 15%, to reward early adopters and active contributors;
- Liquidity Pool: 10% to support exchange liquidity, stabilize market depth and price discovery.



Overall, the value, incentives and governance of IAS tokens are closely coupled with the ice and snow platform, reflecting the multi-dimensional characteristics of IAS tokens in the platform ecosystem.

- In terms of value, IAS tokens carry the dual attributes of "asset value" and "liquidity value", and are the digital mapping of real assets on the chain and the medium of exchange;
- From the perspective of incentive, IAS tokens are the core reward tool to incentivize platform users, developers and nodes to make contributions, driving ecological activity and collaboration;
- In terms of governance, IAS tokens are important credentials for holders to participate in platform governance, decision-making and voting, and rule-making, empowering community members to govern together.





5.2 Value attributes of IAS

We hope to establish a healthy and sustainable ecological model through the circulation of IAS on the ice and snow platform, returning most of the proceeds to project investors and community members, prompting them to more actively support and optimize the platform network. Community members are able to sustainably create value for the project through usage, promotion and effective market behavior.

We also seek to maximize the reflection of IAS values in the design of the financial and economic system:

- Independent Survival: Forming a clear business closed loop, building a stable and healthy circulation base, and realizing its own hematopoietic capacity and long-term development;
- Autonomy and consensus: the community and sub-communities (e.g., different segments such as ice and snow, recreation, performing arts, etc.) gradually form a decision-making mechanism of co-governance and consensus, and establish a governance system based on the voting rights of IAS holders;
- Sharing and common prosperity: a portion of the value created by the community is used as common wealth to enhance the viability of the platform, market competitiveness and long-term benefits for members;
- Self-evolution: through the IAS incentive mechanism, members are continuously encouraged to optimize the technical, financial, and governance design to promote the continuous evolution of the platform and community.

The underlying value attributes of IAS can be understood in the following dimensions:

1) Property Rights Attributes

Under the clear circulation scenario of ice and snow platform assets, users holding IAS enjoy the ownership and disposal rights of tokens, which is equivalent to holding the property rights of corresponding interests. Users can independently dispose, transfer, pledge or use for consumption and investment within the scope of the law.

2) Currency Properties

IAS with cryptocurrency as the core can realize the circulation of assets, exchange of value and record of user behavior. In the circulation scenario of ice and snow, users' behavioral data, token consumption and investment records can be transparently recorded on the chain, and effective behaviors can be transformed into tokens. Each user is a node in the network, with open books and shared data, which makes the use of tokens more transparent and efficient, and establishes a bridge of "value exchange" between users.



3) Equity Attributes

As an important part of ice and snow's global ecosystem, IAS holders enjoy equity-like income rights in certain projects. For example, if a certain number of IAS are held, they can participate in dividend and revenue sharing mechanisms. However, it should be noted that IAS is essentially a digital equity carrier and is not equivalent to direct equity or investment in a specific company.

4) Governance Attributes

In the decentralized governance system of the platform, any governance decision needs to be completed through voting within a specified time period, and the proposal will take effect only when it is supported by sufficient equity. Voting rights are not just exclusive to high holders; low holders can balance the influence of high holders through joint voting. Governance covers, but is not limited to, asset registration rules, system parameter adjustments, fee ratios, upgrade paths, etc., which are voted on jointly by IAS holders. Holding IAS is the basic threshold and right guarantee for participating in platform governance.





5.3 Token Incentive System

The incentive system of IAS tokens is designed to drive more users, developers, operators and governance participants to actively contribute value and jointly promote the sustainable development of the platform through a multi-level and multi-scenario economic incentive mechanism. The IAS incentive system fully combines the asset characteristics of the platform and the community culture, and realizes a fair, transparent and sustainable distribution of benefits.

The incentive logic of IAS tokens runs through the whole process of platform construction, operation and governance, allocating rewards of different weights in different roles and links to ensure that contributors get returns matching their inputs. Incentives are not only compensation at the economic level, but also a driving force for community building and consensus formation.

- Node Incentives: As the core of the platform's consensus network, validation nodes are responsible for block out, transaction validation, and data storage. the IAS incentive system provides active nodes with continuous block rewards and a share of transaction fees. Nodes can also realize two-way income by collecting part of the principal's revenue. Node ranking and activity directly affect the proportion of their rewards, incentives to encourage nodes to continue stable operation.
- Principal Incentive: IAS token holders can entrust their tokens to validation nodes to participate in the consensus and earn a portion of the out-of-block rewards. The delegator receives a dynamic income based on the number of tokens entrusted, the length of the entrustment, the performance of the node and other factors. The platform has set a minimum lock-up period and unbundling period to ensure network security and liquidity at the same time.
- Developer incentives: The platform sets aside ecological construction funds to support developers to contribute innovative applications and tools. Anyone can apply for developer incentives by submitting proposals, developing DApps, improving documentation, fixing loopholes, and so on. Rewards are issued in IAS tokens and are implemented after double confirmation by community voting and platform auditing.
- User Incentives: Ordinary users will be rewarded with corresponding IAS tokens by participating in asset investment, purchasing NFT, participating in voting, promoting the platform and other behaviors. The platform will also regularly carry out marketing activities such as tasks, airdrops, invitations, etc. to enhance user participation and stickiness. Behavioral data is recorded on the chain and counted in the point system, which is used to measure user activity and issue additional rewards.
- Governance Incentive: Platform governance is led by IAS holders. Users who participate in governance proposals, voting and community consensus building not only enjoy decision-making power, but also receive a certain percentage of governance incentives. This mechanism not only guarantees active governance, but also improves the quality of community co-governance.
- Long-term Contribution Incentive: For users who hold coins for a long period of time and actively participate, the platform has designed a stepwise long-term incentive program. The higher the length of holding, the depth of participation and the dimension of contribution, the more favorable the dividend percentage, buyback discount and other rights and interests, which further strengthens the confidence of holders.



5.4 Circulation Example and Value Mapping

IAS is the core token that incentivizes coin holders, investors, community users, ice and snow ecological partners, and third-party collaborators to jointly participate in the ecological construction, and has the characteristic of being exchangeable for internal and external value resources and interests of the platform. At the same time, IAS is also the platform's governance token, holders can participate in platform governance, voting assets on the shelves, adjustment of the proportion of fees, strategic development and other major matters, and enjoy the platform income dividends. With the launch of IAS on mainstream exchanges around the world, its market value and price are expected to continue to increase, and users' earnings will grow at the same time.

The core of asset circulation lies in opening up channels. Through the decentralization mechanism, IAS expands the asset circulation mode originally monopolized by centralized institutions into socialized circulation. Any node or channel with resources can become the driving force of asset circulation and improve the efficiency and scope of circulation. the circulation characteristics of IAS support real-time clearing, visualization query, and fast transaction to improve the efficiency of asset use. the diversified circulation scenarios of IAS include but are not limited to the following aspects:

1) Ecological circulation

IAS supports exchange with mainstream cryptocurrencies after going online on the exchange for payment and circulation in various parts of the ecology, such as collection, transfer, trading, crowdfunding, wealth management, public welfare donations and so on. Meanwhile, IAS supports exchange with some fiat-anchored stablecoins to enhance the depth and breadth of its circulation, and to strengthen the scarcity and overall value.

2) Consumer Payment

Users can use IAS to make consumer payments in ice and snow ecosystem and cooperative scenarios, including tickets, NFT collections, service packages, donations, etc. IAS can also be used as a cross-border payment tool to enhance efficiency and reduce costs. As IAS opens up more international platforms, users will be able to enjoy the convenience of more global goods, services and rights.

3) Asset Rights and Property Certificates

As an on-chain digital asset, IAS can be used for the registration, rights confirmation and transaction of various real properties, including but not limited to real estate, tickets, intellectual property rights and so on. By registering assets on the chain and combining with private key control, the platform realizes the disposal, use, and distribution of proceeds of the property, and the IAS confirms rights and smart contract function breaks the barrier between online and offline, enriches the subject matter of asset transactions and methods, and improves the utilization rate and liquidity of the assets.



4) Generalization

IAS is designed with full consideration of business scalability, supporting multiple data structures for recording and sharing to meet the needs of different business chains. Its standardization and universality lays the foundation for the application in all parts of the world, in all industries and in all scenarios, so that IAS can circulate more efficiently and adapt to the diversified ecology.

In addition to being used as a core medium within the ice and snow ecosystem, IAS will also play a valuable role in a wider range of application scenarios in the future:

1) Basic Value Mapping

In the future, IAS will gradually take on the basic functions of a currency, covering the following features:

- Value storage: Designed to ensure its value stability and long-term appreciation potential, becoming a value-preserving asset;
- Medium of exchange: used as a medium of global transactions for the purchase and exchange of goods and services;
- Unit of account: assumes the role of value measurement and price marking in the platform and cooperative DApps;
- Deferred payment standard: supports credit payment, installment payment, debt settlement and other functions.

2) Application Value Mapping

With the functional design of the platform, IAS will be widely used in the future in the fields of transaction, payment and investment:

◎ Trading field

- Users can use IAS instead of fiat currency to trade goods and services;
- Users can exchange IAS for other cryptocurrencies, or exchange other cryptocurrencies for IAS to avoid risks;
- Realize true P2P value transfer.



◎ Payments

- Significantly reduce cross-border payment time and cost;
- Transaction records are open, transparent and traceable;
- Applicable to instant payment settlement in various scenarios.

◎ Investment

- Obtaining IAS through mortgage for investment and financial management, realizing double value-added;
- Combine with IDO, IEO and other products to increase investment returns;
- Support long-term smart contracts that require price stability, such as derivatives, prediction markets, and insurance;
- Provide on-chain records and tamper-proof investment credentials.

Through the perfect flow mechanism and value mapping system, IAS realizes long-term value accumulation while guaranteeing liquidity, and builds up a network of assets and interests inside and outside the platform and linked up and down the chain.



Chapter 6

IAS DAO



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6.1 IAS DAO Business Logic

Based on the concept of sharing and common governance, IAS DAO connects project owners, investors, developers, community users and third-party collaborators to form a community of interests. Through the rule constraints of smart contracts, it realizes the collaborative creation, acquisition and distribution of value by community members, and provides an open, trustworthy and equal participation platform for all people, so that everyone can enjoy the opportunity to participate in the digital ecology of the ice and snow industry on an equal footing.

1) Infrastructure System

The digitization of the ice and snow and recreation industry is a process based on node consensus, and IAS DAO provides a set of transparent business rules and incentive mechanisms through the DAO architecture to stimulate the vitality and sustained momentum of all nodes. The automatic execution of investment, operation and governance logic is realized through DAO governance and smart contracts, and the underlying infrastructure applicable to the digitization of RWA assets is constructed.

2) Value Exchange Network

The core team of IAS DAO has been deeply engaged in RWA and cultural tourism and recreation projects for a long time, combining blockchain technology and asset governance experience to organize enterprises, investors, developers and community members willing to promote the digitization of the ice and snow industry chain to form an alliance. Through collective wisdom to reduce single-point risk, jointly explore innovative business models, improve the industry's risk-resistant ability, and promote the free flow of industrial resources in the chain.

3) Business Ecology Extension

IAS DAO provides an open on-chain value exchange platform to attract more partners, application scenarios and industry users to jointly build a comprehensive application ecology for RWA assets. The future goal of the platform is to build a decentralized platform integrating investment, payment, rights management and governance, and to enhance the efficiency of industrial collaboration and innovation ability through node transformation to form a prosperous industrial ecology.



6.2 Community Autonomy Form

Under the leadership of IAS DAO, the platform will gradually realize decentralization and a high degree of community consensus. IAS DAO belongs to the dedicated DAO, emphasizing community autonomy management. After the project is launched, the community decides on the developed on-chain application, asset tokenization project and ecological expansion through voting.

IAS tokens are both value circulation carriers and governance credentials. Holders participate in decision-making and revenue distribution through smart contracts. There is no identity segregation for community members, developers, investors, operators, and ordinary users are all part of the token holders and enjoy the right to propose and vote. The contract rules allow members to continuously optimize the governance structure and improve synergy efficiency.

IAS DAO governance adheres to the principle of "one coin, one vote", whereby users with different positions are entitled to vote proportionally, and exchange-custodian tokens are not eligible to vote. Community governance involves the following matters:

- Community development planning
- Token economy proposal
- Adjustment of core parameters
- Partner introduction
- Marketing and airdrop program
- Technology Iteration and Upgrade Path

IAS DAO will establish a management committee to drive execution. The committee will consist of core community members, DAO token holders, eco-partners and virtual identity holders. Any member can initiate a proposal and have it voted on by the community, following the principle of majority rule for transparent and efficient decision-making. The direction of the proposal includes, but is not limited to, ecological marketing, asset shelving, fund management, technology upgrading and project funding.



6.3 Operation Mechanism

The operation mechanism of IAS DAO is as follows:

1) Smart Contract

IAS DAO rules are solidified on the blockchain through smart contracts, which are open, transparent and tamper-proof, and any member can view the code logic.

2) Fundraising

IAS DAO accomplishes initial fundraising and ongoing construction through IAS tokens. Holding IAS tokens can obtain proposal rights, voting rights, income rights and the right to use platform services.

3) Proposal and Voting

After the smart contract is online, DAO is no longer controlled by a single party. Any IAS token holder can initiate a proposal, and the instructions will be executed automatically after reaching the consensus threshold specified in the smart contract.

4) Advantages of Operation Mechanism

- Openness and transparency: every flow of funds and every rule can be audited, with no backroom operations;
- Cost reduction: reduce management level, simplify communication cost and decision-making process;
- Equality and autonomy: each member participates in decision-making equally, without monopoly power;
- Efficient and united: all holders have the same goal to promote the healthy development of DAO through proposal voting.



6.4 Value Creation

IAS DAO, as a decentralized autonomous organization running on the blockchain, is a combination of technical tools and governance system, realizing an open, fair and non-interventionist autonomy model.

1) Maximize the use of resources

IAS DAO data and rules are stored on the chain, which can be accessed at any time, transparent and open. Anyone can participate in resource scheduling and improve utilization efficiency.

2) Promote innovation and development

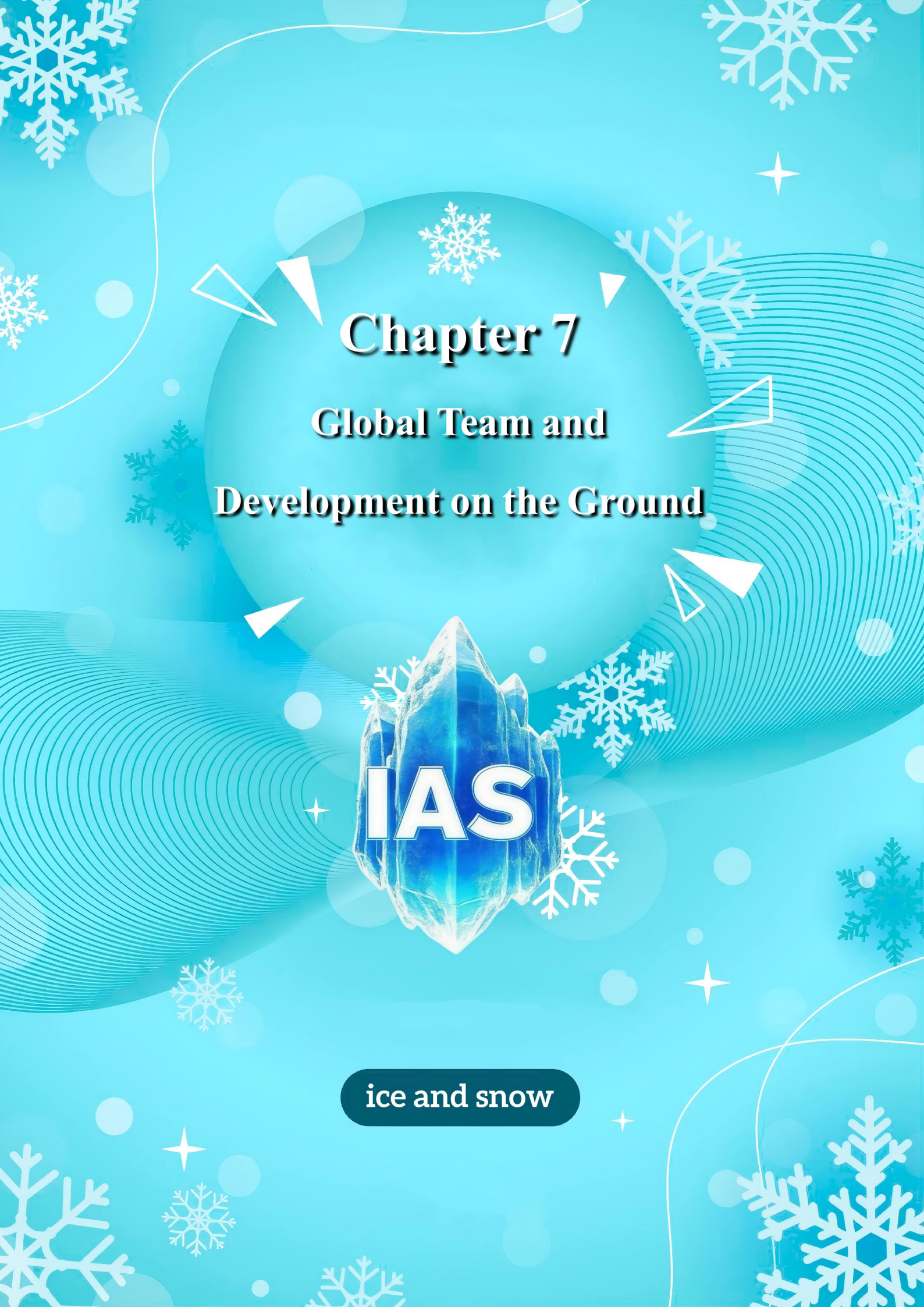
Community members can put forward proposals at any time, publicly display their views, innovative products or optimization suggestions, and promote the platform's continuous evolution and innovation.

3) Improve the credibility of results

All votes and decisions are recorded on the chain in real time, eliminating fraud and improving the credibility of governance results.

4) Transparent and Auditable

The whole process of discussion, voting and fund allocation is transparent and open, and is bound to the holder's address. Community and leadership activities can be fully discussed and monitored, effectively preventing oligopolization and systemic risk.



Chapter 7

Global Team and Development on the Ground

IAS

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7.1 Global Team

The IAS team now has a top-notch technical and operational team of more than a hundred people, providing a solid guarantee for the construction and development of the entire ecosystem. We plan to set up operation centers in major cities to be responsible for the global promotion of ice and snow ecosystem, digitalization of assets, and docking of local industrial resources. In the next 5-10 years, we hope to accomplish this grand mission with the help of these operation centers, build and share with all shareholders and partners, and open up a new situation of resource sharing, talent sharing and wealth sharing together.

Most of the core R&D members of IAS come from the world-renowned Silicon Valley, Wall Street and blockchain technology communities. The team members cover a wide range of fields such as computer science, information security, blockchain finance, AI algorithms, Internet of Things, big data, smart contracts, asset management, etc., and have gathered rich experience in research and development, practice, and commercial landing. He not only possesses excellent technical strength, but also has made outstanding achievements in academia and industry.



James -- Graduated from the Department of Computer Science of MIT, blockchain architect and distributed system expert, engaged in trading platform, data warehouse and smart contract architecture design for a long time, led the development of several mainstream public chain projects, and accumulated rich experience in RWA digitalization and landing.



Sophia -- A globally recognized expert in blockchain technology application, and a former member of the World Economic Forum's Blockchain and Digital Assets Working Group. PhD in sociology and financial innovation researcher at Stanford University, dedicated to promoting the combination of digital economy, Web3 finance and RWA assets.



David -- Has over 15 years of software R&D and management experience, and is an authoritative influence in the field of blockchain underlying protocols and privacy computing. He has held technical management positions at Microsoft and IBM, and now focuses on on-chain privacy protection and multi-chain interoperability protocol development.



Ethan -- A senior blockchain developer and technology evangelist, he has been involved in the development of several digital currency, RWA, and DAO projects since 2014, including cross-chain bridges, on-chain depositories, and decentralized financial platforms, etc. He is good at transforming theoretical innovations into on-the-ground products.



Rachel -- An expert in applied cryptography, Rachel was the Chief Security Architect at Gemalto, the world's leading cryptography provider, and has been involved in the design of several blockchain security solutions. She is also a board member of the Singapore Blockchain Association and an advisory member of the American Cryptocurrency Association.

The IAS team will continue to expand its technical, operational, marketing and compliance forces, and extensively recruit the best talents from around the world to provide constant power for the innovation, landing and continuous growth of the ice and snow platform.

7.2 Market Cooperation

1) Cooperative organizations



2) Cooperative media





7.3 Promotion Strategy

In order to accelerate the global expansion of the ice and snow platform and the widespread recognition of IAS tokens, we have formulated a set of systematic, phased, and three-dimensional promotion strategies across online and offline, integrating branding, community building, content marketing, industrial alliances, and educational empowerment, to ensure that the platform's popularity and influence continue to grow.

1) Branding

We will focus on building "ice and snow" as an innovative brand in the field of digitalization and RWA in the global ice and snow industry. Through a unified visual image, storytelling narrative, specialized materials and scenario-based content, we will convey the values and mission vision of the platform to global users. Continuously output a professional and warm brand voice through the official website, white papers, industry exhibitions, social media and other channels.

2) Community Building

Give full play to the DAO governance mechanism and mobilize the global community to carry out localized promotion. By setting up community ambassador programs, node incentive programs, opinion leader cooperation, Q&A interactions, AMA live broadcasts, etc., we allow core users to participate in content creation, technical contribution, and activity planning, and reward actively contributing community members through token incentives.

3) Content Marketing

Relying on a professional content marketing team, we continuously publish high-quality industry insights, technical explanations, application cases and community stories on major social platforms and content platforms around the world. The content includes videos, long articles, white paper summaries, NFT souvenirs, dynamic posters and other forms, and at the same time with SEO and SEM optimization to improve search visibility and reach more potential users.

4) Industry Alliance

Establish in-depth cooperation with head enterprises, associations and government agencies in the ice and snow, culture and tourism, recreation and health industries to form a joint online and offline promotion matrix. Participate in various internationalized industry expositions, theme forums, and closed-door roundtables to share experiences, display solutions, expand cooperation circles, and enhance industry discourse.

5) Educational Empowerment

Set up RWA and Web3 education programs, offer online courses, open classes, and offline seminars to popularize blockchain knowledge, digital asset concepts, and ice and snow ecological rules for industry practitioners, investors, and developers. Through education and empowerment, we will lower the threshold of user awareness and increase user stickiness and activity.



7.4 Development Plan

In order to achieve the globalization goal of the ice and snow platform and the continuous enhancement of the value of IAS tokens, we have formulated a clear, step-by-step development route covering the dimensions of technological evolution, ecological construction, market expansion, and governance improvement, to ensure that the platform grows steadily and develops long-term competitiveness at different stages.

1) Initial stage (1-2 years)

In the initial stage, the platform focuses on the construction of technical architecture and the landing of core products, and completes the development of RWA asset digitization solutions for ice and snow, recreation and health, culture and tourism scenarios. Complete the initial issuance of IAS tokens, go live on major exchanges, build a global community network and set up operation centers in key cities. Enhance user awareness through localized demonstration projects and community education to verify the feasibility of the business model and market acceptance.

2) Growth period (3-5 years)

During the growth period, the platform will expand more RWA application scenarios and cover more countries and regions. Open up more on-chain and off-chain infrastructures, and realize the improvement of multi-chain interoperability, cross-chain asset circulation and privacy protection technology. Reach strategic cooperation with more industry partners and top application platforms, introduce more users, developers and nodes to participate in the platform, and promote the platform from local demonstration to globalized operation, and circulate IAS tokens in more exchanges and application scenarios to form stable market demand and price support.

3) Mature stage (5-10 years)

In the maturity stage, ice and snow will become one of the important infrastructures and standard setters of the global RWA digital ecosystem, forming an open, decentralized and autonomous global network. The platform will fully enter emerging fields such as DeFi, GameFi, meta-universe, etc., and deeply integrate with more industries and formats. IAS tokens will not only exist as a value exchange and incentive carrier, but also assume a core role in the global RWA asset governance. The platform governance is completely dominated by DAO, forming a stable, prosperous and sustainable community economic system.

4) Long-term vision

In the long term, ice and snow is committed to building a new digital asset order that covers the world, connects online and offline, and serves all types of assets and users. Through continuous innovation and open cooperation, the platform will be built into a global leader in the field of RWA digital assets, realizing the deep symbiosis of people and assets, technology and value, industry and community, and ultimately forming an ecological pattern of co-construction, sharing, and co-governance.

Chapter 8

Disclaimer



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Documents are for the purpose of conveying information only and the contents of the documents are for information purposes only and do not constitute any advice, abetment or solicitation to buy or sell shares or securities for investment in IAS and its related organizations. Such solicitation must be in the form of a confidential memorandum and must be in accordance with relevant securities and other laws.

The contents of this document shall not be construed as compelling participation in a public offering of Token. No conduct in connection with this White Paper shall be deemed to constitute participation in the Token Public Offering, including requesting a copy of this White Paper or sharing this White Paper with others. Participation in the Token Public Offering means that the Participant is of age, has full civil capacity, and the contract with the IAS team is genuine and valid. All participants enter into the contract voluntarily and have a clear and necessary understanding of IAS prior to entering into the contract.

The IAS team will continue to make reasonable attempts to ensure that the information in this white paper is true and accurate. During the development process, the platform may be updated, including but not limited to platform mechanics, tokens and their mechanisms, and token distribution. Some parts of the document may be adjusted accordingly in the new version of the white paper as the project progresses, and the team will publicize the updates through announcements on the website or the new version of the white paper. Participants are encouraged to obtain the latest version of the white paper and adjust their decisions accordingly. The IAS team expressly disclaims any and all liability for any damages incurred by Participants as a result of (a) reliance on the contents of this document, (b) inaccuracies in the information contained herein, and any actions taken by GiD as a result of the contents of this document. The team will make every effort to achieve the goals mentioned in the document, however, due to force majeure, the team cannot make a full commitment to fulfillment.

The IAS Token is an important tool for the platform's performance and is not an investment. Ownership of an IAS Token does not grant its owner ownership, control, or decision-making power over the Platform, and IAS Token, as crypto-tokens used in the IAS project ecosystem, are not part of any of the following categories of currencies: (a) securities; (b) equity interests in a legal entity; and (c) stocks, bonds, notes, warrants, certificates, or other instruments granting any rights whatsoever.

The value of the IAS Token will depend on the laws of the market and the needs of the application when it is implemented, and it may not have any value, and the team makes no commitment to its value appreciation and shall not be liable for the consequences of any increase or decrease in its value. To the fullest extent permitted by applicable law, the Team shall not be liable for any damages or risks arising from participation in the public offering of Token, including but not limited to direct or indirect personal damages, loss of business profits, loss of business information, or any other economic losses.

We comply with any regulations and self-regulatory statements that are conducive to the healthy development of the industry. By participating, the Participant fully accepts and complies with such checks. All information disclosed by the Participant to complete such checks must be complete and accurate, and the IAS team clearly communicates the possible risks to the Participant, and by participating in the IAS Token Public Offering, the Participant confirms that he/she understands and agrees to the terms and conditions of the Terms and Conditions, and accepts the potential risks of the Platform at his/her own risk.