AURIX

Bridge between real-world assets and blockchain financial system

AUX Ecosystem Development Fund • 2025

Content

Chapter 1 Overview of the Market Development Background

1.1 Overview of the RWA concept

We stand at a historic intersection where the digital and physical worlds converge. The door to an unprecedented new era is slowly opening, and the fusion and penetration of these two worlds will bring profound changes to the development of human society. Under the influence of globally intensifying factors, real value assets must seek new growth points. The rise of RWA builds a practical bridge for the integration of real value assets and blockchain financial technology.

Real World Assets (RWA) refer to the tokenization of non-digital physical assets from the real world, along with associated income rights and contractual claims, using blockchain technology. This technology enables cost-effective transactions around the clock, 24/7, and supports the trading and circulation of these assets on the blockchain. This innovation bridges the gap between traditional and decentralized financial worlds, opening new paradigms for the ownership, transfer, and management of assets.

Essentially, the tokenization of RWA is akin to creating a digital "twin" of physical assets on the blockchain. This digital token represents ownership of the underlying assets and can be fragmented, traded, and managed in decentralized financial applications.

The tokenization of RWA mainly involves three parts, with different roles for respective responsibility areas depending on the asset type:

- Realwelt: Wealth initiators, wealth custodians, wealth acquisition channels;
- Information bridge: Oracle, legal framework, token standard, third-party verification, deposit and withdrawal channels;
- Blockchain part: RWA token issuer, issuance platform, smart contract.

The RWA ecosystem is diverse and continuously expanding with the market introducti on of additional projects. Some projects provide support in the areas of regulation, technol ogy, and operations to bring real-world assets into the crypto space. We broadly refer to t hese projects as "RWA infrastructure." Additionally, there are "Asset Providers" that focus on identifying and creating various categories of RWAs, including real estate, fixed inco me, stocks, and more.

- Blockchain: Licensed and unlicensed blockchains specifically developed for RWA.
- Securitization/Tokenization: Bring RWA onto the blockchain.
- Compliance: Services to ensure the compliance of investors and issuers.
- Real Estate: Provision and creation of RWA that supports real estate.
- Klimaprodukte: Development and creation of climate-supported RWAs.
- Private credit: Introduction and creation of RWA supported by private fixed-income instruments.
- Public Credit/Equity: Presentation and creation of RWA supported by public fixed-in come securities and equities.
- Emerging markets: Introduction and creation of RWA from emerging markets.
- Trade financing: Proposal and creation of RWA supported by trade financing.

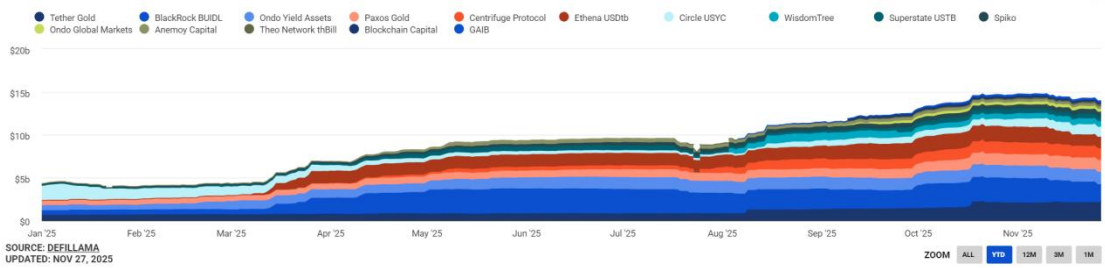
From asset-backed securitization in the 1970s to today's RWA transformation, the core lies in enhancing the liquidity of assets, reducing transaction costs, and expanding the us er base. The long history of RWA is not about cryptocurrencies toppling the traditional fi nancial world, but about the traditional financial world shifting to blockchain. Crypto busin esses could retreat into the role of infrastructure providers, with opportunities lying in serv ing the long tail of assets that traditional giants cannot efficiently cover, or building irrepl aceable competitive advantages in key areas such as cross-chain settlement, privacy comput ing, and dynamic risk assessment. Their central value lies in activating the liquidity of illi quid assets and offering investment opportunities to approximately 1.7 billion people world wide without bank accounts, achieving true financial inclusion.

1.2 Entry into the phase of explosive growth

According to the latest reports from several American investment firms and consulting companies, the RWA market is in a phase of explosive growth.

- Short-term (2025-2026): The market is expected to grow to $100-150 billion, booste d by the Fed's interest rate cuts and the introduction of ETF products. BlackRock plans to promote a 2-terajoule RWA bloom.
- Long-term (2030+): The optimistic projection reaches $30 trillion, equivalent to 10% of the current global securities market.
- Risk and Opportunity: Growth primarily comes from fixed-income assets (over 70% of RWA), but volatility must be taken into account. Overall, RWA is considered "the ne

xt trillion-dollar opportunity."



In the first half of 2025, the RWA market surged from approximately $8.6 billion to over $25 billion. By October 2025, the total value locked in the chain (TVL) exceeded $3 3 billion.

Goldman Sachs, a Wall Street giant, is actively pursuing the tokenization of RWA an d will unveil a tokenized solution for money market funds with the Bank of New York Mellon in July 2025 to promote assets on the blockchain. However, Goldman Sachs has n ot yet released specific forecasts for RWA market capacity, but its reports highlight the ac celerated introduction of digital assets, including improved transparency and efficiency thro ugh tokenized bonds and real estate. Other U.S. investment institutions such as BlackRock and JPMorgan are also actively competing in the RWA sector, driving the market from billions to trillions of dollars.

Currently, RWA is demonstrating strong growth momentum:

• Pursuit of sustainable returns: RWA can bring stable returns from traditional market s such as U.S. Treasuries and private credit into the crypto world and provide DeFi with a solid value foundation.

• The entry of traditional financial giants: cases such as the BUIDL fund issued by BlackRock or tokenized securities issued by Guangfa Securities demonstrate that traditional financial institutions are becoming key drivers of RWA.

• The symbiotic relationship between stablecoins and RWA: Stablecoins (such as USD T, USDC) are the most successful use case for RWA and simultaneously serve as the pri mary payment instrument for purchasing other RWA products, creating a reinforcing loop. Citibank predicts that the market value of stablecoins could potentially range between $1.9 trillion and $4 trillion by 2030, which would bring considerable liquidity to the RWA m arket.

• A clear regulatory framework is being gradually established: The "GENIUS Act" pa ssed in the U.S. in 2025 and the "Stablecoin Regulations" issued in Hong Kong provide t he market with a clear compliance framework, reduce systemic risks, and remove obstacles for institutional mass entry.

In the future, RWA will extend far beyond the current scope of financial assets, expa nding into broader areas such as real estate, renewable energy, computing power, CO2 cer tificates, and intellectual property, ushering in a true era of "tokenization of all things." Ci ties like Hong Kong, Singapore, and Dubai are actively forging political measures to clai m the status of a global RWA compliance hub, which will further advance the clarity of regulatory standards and the maturity of the market.

1.3 Development potential in the future

Compared to DeFi assets, RWA is less attractive in terms of yields and game mechanics, but it appeals to institutional investors seeking stable returns and high liquidity due to the security of the underlying assets. Since they are tied to real assets, most platforms have KYC and AML requirements. Securities assets face stricter legal requirements, which typically necessitate investor qualification. These compliance restrictions and factors like yield make it more difficult to bring RWA assets into the hands of end consumers.

We believe that the direct sale of RWA assets will primarily occur in the B2B sector in the short term. We can also see how RWA connects with DeFi to serve as underlying assets for various structured products. At the same time, the market is transitioning from the B2B model to the B2B2C model. Typical examples include Angle Protocol (underlying asset Backed Finance bC3M), Spark Protocol (underlying assets such as government bonds acquired by MakerDAO through trust structures), USDV (underlying asset MatrixDock STBT), TProtocol (underlying asset MatrixDock STBT), Mantle mUSD (convertible to Ondo Finance USDY), and Flux Finance (collateral Ondo Finance OUSG), which implement the B2B2C model. These combinations can not only meet compliance requirements but also accelerate the dissemination and practical application of RWA.

1) RWA and DeFi continue to merge

Generally, DeFi operates on public blockchains (primarily ETH and Solana). RWA is a crucial component of the foundational financial modules. The integration of RWA and DeFi represents a groundbreaking innovation that digitizes traditional financial and physical assets. The core value of RWA lies in its connection to the world of digital assets, which is specifically reflected in the following aspects:

First, closely linked to DeFi, the market holds immense potential. Enterprises or organizations can more easily access the DeFi ecosystem to raise capital through RWA, especially if they possess illiquid physical and financial assets and need quick cash flow replenishment. RWA not only provides the DeFi ecosystem with an off-chain market and fosters the connection between DeFi and the real world, but also creates new opportunities for traditional financial clients to expand their investment horizons.

Secondly, RWA optimizes the traditional financial investment model. Traditional finan

cial and physical trading markets are typically labor-intensive, while blockchain technology, with its properties of instant settlement and round-the-clock trading, significantly reduces operational costs and access barriers for market participants. Tokenization enables less liquid assets to be divided into smaller portions of portfolios, thereby reducing administrative burden, financial and time costs for investors, thus creating fairer market conditions while simultaneously giving rise to new commercial and social models such as shared ownership participation.

Thirdly, RWA increases the liquidity of physical assets. Tokenization is a special form of securitization, whose core function lies in transforming illiquid assets into liquid assets. By integrating real assets into the DeFi ecosystem, market efficiency can be enhanced, and investors gain unique investment opportunities as well as previously unimaginable liquidity. While tokenization cannot increase the liquidity of some fundamentally illiquid asset categories such as private equity, loans, infrastructure, real estate, and artworks, it can optimally leverage the benefits of direct interaction with the investor community and application in DeFi scenarios, thereby reducing the high discounts of assets due to lack of liquidity. At the same time, tokenization enables the fragmentation of assets by dividing them into smaller units. This lowers the investment threshold, allowing investors who were previously unable to participate due to high barriers to gain access and generating additional liquidity. The significance of these functions is already evident in the cryptocurrency and DeFi markets.

2) Driving force: the mutual connection between the real world and the crypto world.

RWA concerns both the real world (i.e., the traditional financial world for securities products) and the crypto world, and the current performance of market participants clearly shows that both sides have sufficient motivation.

Traditional driving forces of the world:

• Utilizing new financial infrastructures to reduce costs and enhance efficiency. The blockchain consensus mechanism implements a ledger synchronization technology that ensures security while significantly reducing the time and costs associated with financial transaction processing.

• Self-management. After the failures of numerous banks and financial institutions, the "black box" principle of traditional finance is no longer trusted; the self-management characteristic of cryptocurrencies begins to gain favor with mainstream capital.

• Asset flexibility. Tokenized assets are pervasive on the blockchain and can be seamlessly integrated with blockchain applications, offering users a better experience, such as lending, trading, staking, and even the programmability of assets through specific smart contracts.

• Real-time processing. Transactions and credits are executed via smart contracts on the blockchain without intermediaries. Assets are directly calculated and processed on the blockchain, eliminating the need for complex and decentralized accounting systems, enabling real-time processing and significantly reducing time costs.

• Transparent, traceable. Transaction data is real-time, public, transparent, and traceable, enabling real-time analysis and monitoring.

• Globalization. Through DeFi infrastructure, investors have the opportunity to easily transition into global assets.

Driving forces of the crypto world:

• Need for crypto-asset management. Crypto-asset management aims for stable returns and good liquidity, with financial products like U.S. Treasury bonds being widely popular investment targets.

• Seek alternative revenue sources. Native blockchain revenues primarily come from staking yields, transaction fees, and credit interest. The reduced activity in the blockchain financial world during a bear market leads to varying declines in these three revenue streams. If lower-correlation revenue sources to native blockchain assets are sought, RWA-related assets must be introduced.

• Diversification of the portfolio. Investing in pure on-chain assets is highly one-sided, exhibiting high correlation and volatility. The introduction of more stable, on-chain asset uncorrelated RWA assets enables a hedging strategy and leads to a more diversified and effective portfolio management.

• Introduction of diversified collateral. The high correlation of on-chain assets makes credit protocols vulnerable to bank runs or mass liquidations, exacerbating market volatility; introducing RWA assets with lower correlation to on-chain assets can effectively mitigate such issues.

1.4 The Birth of AURIX

Throughout the long history of human financial development, real-world assets and the financial system have always been closely interconnected, yet there have also been numerous limitations and barriers. However, with the rapid advancement of blockchain technology, a new era has already arrived, and AURIX is the revolutionary force emerging at this historic turning point.

1) RWA: A historic turning point

The rise of RWA marks an unprecedented phase of integration between traditional real assets and the blockchain financial system. This signifies not only that the value of real assets will achieve exponential growth under the promotion of blockchain technology, but

also represents a profound transformation of the traditional financial system toward decentralization.

In the current financial system, the trading and circulation of real assets present numerous challenges, such as high transaction costs, information invisibility, and difficulties in cross-border transactions. Blockchain financial technology offers a completely new perspective for solving these problems with its advantages of decentralization, immutable information, and fast transactions. RWA becomes a key node that connects real assets with blockchain financial technology, enabling real estate, automobiles, various financial instruments, and other material assets to re-map their value on the blockchain. This facilitates the digital transformation of assets, expands the boundaries of asset circulation, and enhances the utilization efficiency of assets.

At this historic juncture, AURIX takes on the responsibility to advance the integration. The team, composed of globally leading tech gurus and blockchain pioneers, has meticulously built AURIX with profound expertise, sharp market insight, and a deep understanding of blockchain technology.

2) The source of inspiration for the name AURIX

The name AURIX is derived from the Latin word "Aurum," which means gold. Gold has become a synonym for wealth and trust in the development of human society. It plays an extremely important role in the financial system, from ancient gold coins to modern gold reserves—gold remains a measure of wealth and trust.

AURIX draws on the significance of gold and aims to become the "digital gold" in the field of blockchain financing. Just as gold in the traditional financial world connects various assets and stabilizes the economic system, AURIX seeks to build a solid bridge that links traditional real-world assets with the emerging blockchain financial system, enabling seamless collaboration and value exchange between the two.

3) The unique architecture and innovative concepts of AURIX

AURIX has pioneered a unique architecture globally, organically integrating "real-world assets" with "blockchain financial systems." This groundbreaking innovative concept breaks the boundaries between traditional assets, deeply connecting token economy (AUX), real-world assets, the financial sector, and blockchain technology.

The bearer for credit assets built on AURIX utilizes token economics (AUX) as a digital representation of value that can be quickly transferred and traded, facilitating the blockchain integration of real value assets. Through certification and digitization via blockchain technology, real value assets become tradable and transferable assets within the blockchain financial system. Financial expertise and experience ensure the valuation, management, and risk control of these assets. Blockchain technology provides the entire system with a decentralized, secure, transparent, and efficient infrastructure.

This integration model enables the complementation and enhancement of benefits across various domains. The flexibility of the token economy offers higher efficiency in trading real-value assets; the stability of real-value assets provides a solid foundation for the token economy; the financial sector's professional expertise ensures the risk management of the entire system; and the innovation power of blockchain technology supports the efficiency and security of the entire system.

With this entirely new architecture, AURIX creates an unprecedented economic model

and value system. It elevates the development of real, material assets to a new level and opens up entirely new pathways for the digitization, financialization, and globalization of assets. In this digital golden age, AURIX will play a pivotal role in fostering economic development and financial innovation, leading us toward a more prosperous, efficient, and equitable financial future.

Chapter 2 Overview of the AURIX Project

2.1 Introduction to AURIX

AURIX (abbreviated as AUX) was developed by the AUX Ecosystem Development Fund in collaboration with globally leading technologies and communities, designed as a bridge token that connects "real value assets" with the "blockchain financial system." It aims to become a carrier for "digital gold era" credit investments by supporting core application systems such as on-chain asset verification, decentralized settlement networks, and multi-asset cross-chain settlement protocols.

AURIX is a bridge token that closely connects real, physical assets with the blockchain financial ecosystem. Through advanced blockchain technology, it assigns a digital identity to real assets, enabling secure and efficient transactions and trading on the blockchain. This integration not only eliminates the gap between traditional and blockchain finance but also opens up entirely new pathways for the digital transformation of assets.

AURIX innovatively integrates core application systems such as the legal protection of on-chain assets, a decentralized liquidation network, and a multi-asset cross-chain settlement protocol organically. This design not only transcends the boundaries of traditional financial transactions but also opens up entirely new possibilities for the development of the blockchain financial world. By providing legal protection for on-chain assets, AURIX ensures the clarity and precision of ownership, creating a solid trust foundation for asset transactions. The decentralized liquidation network reduces liquidation costs, increases transaction speed, and enhances the security of the entire system. The multi-asset cross-chain settlement protocol eliminates barriers between different blockchains, enabling the free flow of assets and further expanding the application potential of the blockchain financial world.

- Tokenization of assets: AURIX aims to convert real-world assets into digital tokens

that possess verifiable ownership rights and tradability on the blockchain. In this way, th e value of real-world assets can be recognized and circulated by market participants in a more flexible form.

• Enhancing market transparency: By leveraging the immutable and decentralized natur e of blockchain, AURIX can record the entire process of real asset investments—from leg al realization to valuation, trading, and ownership changes—ensuring the authenticity and tr ansparency of each transaction while strengthening investor trust.

• Increasing liquidity of assets: Traditional markets for real physical assets have high transaction barriers and poor liquidity. AURIX enhances liquidity through tokenization by dividing real physical assets into smaller shares, lowering the investment threshold, and att racting more investors.

• Incentives and ecosystem construction: AUX is not just a token, but an incentive sy stem. Through the token incentive system, AUX can attract more participants (including as set holders, investors, technology developers, community members, etc.) to jointly drive th e growth of the ecosystem and create a positive economic system.

AUX is an RWA token with participation and liquidity attributes. The value of AURI X lies in its status as a highly liquid digital asset (a type of participation token) backed b y global real-world assets, possessing both financial attributes and practical utility. It aims to establish a globally usable and circulating value-creation system in the digital economy era, covering scenarios such as asset security, blockchain integration, decentralized executio n, and cross-chain booking transactions. By introducing new features, significantly reducing costs, and promoting the inclusion of real-world assets, it enhances existing business deve lopment capabilities. Ultimately, it seeks to become a simple, global RWA incentive syste m and a blockchain financial infrastructure that benefits billions of people.

In the future, AURIX will offer its holders a more professional, convenient, efficient, secure, and flexible way to participate in the development opportunities of the crypto ma rket through open, transparent, and more liquid blockchain technology. At the same time, i t will advance the global market share of real-value stock markets and provide investors with new growth sources for their returns.

2.2 AUX Ecosystem Development Fund

The AUX Ecosystem Development Fund is the initiator of the AURIX project and an international research organization specializing in blockchain technology and applications o f Web3 and RWA protocols. It aims to advance the innovation and application of blockch ain technology, develop a third blockchain ecosystem alongside Bitcoin and Ethereum, exp and the application and technical boundaries of blockchain technology, and bring the value potential of blockchain technology closer to internet users. At the same time, the AUX E cosystem Development Fund provides customers with efficient, secure, and trustworthy solu tions such as wallets, public blockchains, Web3, RWA, and DeFi (decentralized finance). By integrating blockchain technology, it supports markets in optimizing business processes in areas such as data security, transparency, and smart contracts. The foundation continuou sly implements innovations in multi-asset trading solutions, thereby promoting the growth of its customers in the digital era.

In addition, the AUX Ecosystem Development Fund is frequently involved in the early stages of project capital incubation and provides additional support to the portfolio over time. Beyond financial assistance, a comprehensive practical approach—from technology to operation—is employed to help projects realize their full potential and ensure secure operations as well as returns for investors. To date, the foundation has collaborated with and incubated over 30 projects across the following industries:

- Low-level development teams, centralized exchanges, etc.;
- Investment information integration tools, automatic tax filing tools, data analysis tools, etc.
- Layer2 and derivative applications such as decentralized exchanges and aggregators;
- Web3.0 ecosystems such as RWA, NFT, Metaverse, DAO, etc.

The AUX Ecosystem Development Fund harnesses the powerful force of preceding technologies and aims to comprehensively innovate the applications and tools of the Web3.0 financial ecosystem through the deep integration of blockchain, RWA, and artificial intelligence. This will provide the financial industry with new momentum for development and innovation, positioning it as a leading technological pioneer to shape the era of Financial Technology 3.0 and open a new chapter in the future of finance.

In the wave of the digital gold era, AURIX offers robust support for building a new generation of financial systems with its innovative architecture and technology. It not only provides practical solutions for the digitization of real assets but also charts the course for the future development of the blockchain financial world. The mission of AURIX's Credit Asset Carrier will drive the rapid rise of blockchain financial markets and make a significant contribution to the development of the digital financial era. The AUX Ecosystem Development Fund supports the global growth of AURIX with technology, resources, community, and liquidity assistance.

2.3 Building a top team through collaborative work

With the support of the AUX Ecosystem Development Foundation, AURIX has assembled an experienced and visionary founding team, bringing together top technical experts from computer science, information security, payment processing, cryptocurrency trading, co

mmunication, mathematics, finance, web development, and high-frequency algorithmic tradi ng. Team members possess in-depth knowledge in cryptocurrencies, blockchain technology, RWA, and real asset investments. Additionally, the project has invited advisors from reno wned investment and research institutions to provide strategic guidance.

Rick Fishbune – a Singaporean computer scientist who previously worked at the IBM Computer Research Center. He masters the principles and implementations of common bl ockchain technologies such as Bitcoin, Ethereum, and HyperLedger, and possesses a profo und understanding and extensive practical experience in areas like blockchain consensus m echanisms, smart contracts, cross-chain technologies, sidechain technologies, and data protec tion.

Richard Dobrow – a well-known blockchain software developer from Silicon Valley, r esponsible for the cross-platform migration of mining algorithms for virtual currencies such as Bitcoin and ETH, as well as the management of software development for mining har dware. He has extensive industry experience in the technical architecture of virtual digital wallets and virtual digital exchanges.

Justin Drake – His research focuses on parallel computing with big data and the opti mization of distributed algorithms. He has extensive experience in blockchain, cryptography, and data mining. He will provide in-depth algorithmic support to the project in the areas of mathematical models of blockchain, core algorithms of artificial intelligence, and parall el computing with big data.

Jimmy Lee – Master and Ph.D. in Electrical Engineering and Informatics at the Natio nal University of Singapore. His research includes Data Mining, E-Commerce Data, and A lgorithm Optimization. Responsible for the development and optimization of AI algorithms in projects.

Maaghul Clinton – Technology Developer, Master of Computer Science from Harvard University, Python programming language expert, and Blockchain Technology Engineer. H is research includes data analysis, artificial intelligence, and algorithm optimization. Respon sible for building and optimizing AI algorithms in projects.

Matthew Walther – Programmer, experienced engineer in blockchain technology applic ations, with long-standing developer experience in private social networks. Possesses 15 ye ars of professional experience in the internet sector, proficient in multiple computer progra mming languages, specializes in architecture design for massively parallel systems, and has extensive experience in research and development leadership.

2.4 Community and Capital Support

1) Consensus of the Community

The AURIX Genes inherently embody decentralized values. Our partners are spread worldwide, particularly in the community sector, where we will form consensus through community engagement. The AURIX community-building initiative already encompasses numerous countries and regions globally, including Singapore, the UK, Australia, the US, Dubai, Japan, France, South Korea, and more. These communities are not only geographically widespread but also diverse in cultural, economic, and technological aspects, forming a solid foundation for AURIX's global development.

The community is the foundation of AURIX. Through broad participation and consensus, AURIX achieves decentralized governance and ecosystem construction. The active involvement of community members not only provides AURIX with a strong user base and marketing channels but also serves as a continuous driving force for the sustainable development of the project.

2) Capital support

AURIX has gained the favor and support of numerous leading investment institutions, including:

• Andreessen Horowitz (A16z): A globally renowned venture capital firm that focuses on supporting innovative technology projects, with profound investment experience and exceptional insights in the fields of blockchain and digital finance.

• Greylock Partners: An investment firm with broad influence in the technology and internet sectors, whose portfolio includes several industry-leading companies.

• Kleiner Perkins: An investment firm with extensive experience in technology innovation and venture capital, particularly pursuing forward-looking strategies in blockchain and financial technology.

• Bessemer Venture Partners: An investment firm with outstanding performance in early-stage investments, whose portfolio includes leading companies across various industries.

• Accel: Invests globally in numerous successful technology companies and has extens ive investment experience, particularly in the fields of blockchain and digital finance.

• Founders Fund: An investment firm founded by several renowned entrepreneurs, spe cializing in supporting innovative and disruptive projects, particularly with a unique invest ment approach in the fields of blockchain and financial technology.

The participation of these top investment firms not only provides AURIX with suffici ent financial support but also extensive industry resources and professional expertise, servi ng as a strong driving force for AURIX's rapid development.

Chapter 3 Design of the AURIX Token Eco nomy Model

3.1 Token Economy

As a participation asset, AUX reorganizes real value assets through digitalization, stru cturing, and standardization in accordance with the Blockchain Security Asset (BSA) proto col, and conducts RWA based on this. Therefore, the income from profits and investments in global real value assets will continue to support the value of AUX, while the ownersh ip of AUX grants corresponding shares in the participation rights of the invested real valu e assets.

1) Tokenization process

AUX collaborates with global real-world asset equipment organizations and selects hig h-value, rare material assets as the basis for tokenization. A professional valuation team co nducts rigorous value assessments of these assets to ensure their market value truth and st ability. Based on blockchain technology, AUX creates unique smart contracts for the real- world assets. This contract will capture ownership information, transaction history, and rele vant rights of the assets. Simultaneously, AUX tokens are issued, corresponding to the val ue of the real-world assets, with each token representing a portion of the ownership rights to the real-world assets.

To ensure the security of assets, we collaborate with professional third-party vaults an d store physical assets in secure vaults. The entire process of storing and safeguarding all assets is monitored and recorded in real-time via blockchain technology to guarantee the

integrity and security of the assets.

2) Trade and circulation mechanism

Build a decentralized trading platform that enables users to buy and sell equity assets with AUX tokens. The platform offers an efficient trading execution mechanism to ensure fast execution and low costs.

Support for cross-chain transactions with other blockchain platforms enables the AUX token to be freely transferred between different blockchain networks. This will further expand the market coverage of the AUX token and attract more users.

3) Incentive mechanism

AUX will provide incentive rewards for all parties in the ecosystem. For example, holders of real assets can receive token rewards by deploying real assets on the blockchain; investors can generate income by holding and trading AUX; technical developers can receive token incentives by providing technical support for projects.

AUX holders will have control over community governance and can participate in the platform's decision-making process through voting, including the tokenization of new assets, updates to platform features, and the formulation of key guidelines. This governance mechanism will strengthen community cohesion and engagement, driving the sustainable development of the ecosystem.

3.2 AUX Release Concept

Tokenname: AURIX

Token abbreviation: AUX

Total release: 300 million units

Emissions agreement: ERC-20

Allocation plan:

• Early Investors: 10%, 30,000,000 Tokens. 5% will be released after 6 months and a nother 5% after 12 months. These tokens are allocated for early investors, strategic investo rs, and funds;

• Team motivation: 20%, 60,000,000 pieces. 5% will be released online after one yea r, and the rest will be released within four years. Of this, 10% will be used to support th e team in developing new products and provide users with more comfortable and profitabl e services. The remaining 10% is for team motivation outside the core members;

• Marketing and Promotion: 20%, 60,000,000 Tokens. No locked tokens, as marketing requirements are constant. Funds will be allocated based on market needs.

• Foundation: 20%, 60,000,000 pieces. For the operation of the foundation, including global investments, infrastructure development, and other relevant development programs;

• Market incentives: 5%, 1,500,000 pieces. Includes market airdrop rewards, incentives for early evangelists, and support for early external partner-system participants, etc.

• Charity: 5%, 1,500,000 pieces. A charity package used for donations to support the development of living conditions, education, and medical care for children in need and i mpoverished regions.

• Market Circulation: 20%, 60,000,000 tokens. For market circulation, community gov ernance, etc. This amount is managed through buybacks and destruction, meaning a portio n of the official profits is allocated to the platform for buybacks, which are then sent to a designated blackhole address and destroyed.

As a high-value, high-consensus liquid crypto-stock, the issuance of AUX tokens will offer global users new value incentives and wealth returns. Overall, there is a profound l ogical connection between the value, incentives, governance of AUX tokens and the real-w orld stock ecosystem, reflecting the value characteristics of AUX tokens.

• Valuable Consideration: The AUX-Token embodies carriers of "trustworthiness" and "consensus value."

• From an incentive perspective, the AUX token serves as the economic reward for t he participation of "bookkeepers" in the network;

• From a governance-based perspective, the AUX-Token serves as a proof of entitlem ent to participate in investments in real asset investments.

In the future, the AUX token will become the central medium for the value exchange of real assets. Once a diverse ecosystem is established, trading, payments, and investment s will become high-frequency activities. At this point, the demand for AUX tokens will c ontinuously rise across all sectors, which in turn drives the sustained value appreciation of AUX tokens.

3.3 AUX-Governance Model

Proof-of-Stake brings decentralization and community participation with it. Its core log ic can be summarized as follows. Similar ideas can be seen in other networks, particularly in Cosmos and EOS.

• Token holders, including validators, can "bond" (guarantee) their tokens into the sta king process. Token holders can delegate their tokens to any validator or validator candida te, hoping that the candidate becomes a real validator, and can then choose among differe nt validators or candidates to redelegate their tokens.

• All candidate validators are ranked based on the number of bonded tokens, and the top-ranked ones become full validators.

• Verifiers can share (a portion of their) block rewards with their clients.

• Validators can suffer "Slashing," which is a penalty for their poor behavior, such as double signing and/or instability.

• The verifier and the client have a "clawback period" to ensure the system secures t he token remains bound in case of detected misconduct, while the responsible party is pen alized during this time.

1) Reward

The Validator update and reward distribution occur daily around UTC 00:00. This is designed to save costs associated with frequent staking updates and block reward distributi ons. These costs can be significant as block rewards are collected on the blockchain and distributed to AUX-Validators and delegates. A deliberate delay is introduced here to ensu re a fair distribution:

• The block reward is not immediately transferred to the verifiers but is distributed a nd accumulated in the contract;

• After AUX receives the Validator Sets update, multiple cross-chain transfers are trig gered to move the rewards to the corresponding Validator liability accounts. These liability accounts belong to the system, so the rewards cannot be used until the obligations are as

signed to the delegates.

• To simplify synchronization and reserve time for punishment, rewards for N days are paid out only N+2 days later. After delegates receive their rewards, the remaining amounts are transferred to the validators' own reward addresses.

2) Execution

The sanction is part of on-chain governance to penalize hostile or negative actions. Anyone can submit an AUX-Slash. Submitting a transaction requires slash proofs and costs, but upon success, there is also a larger reward. So far, there have been two cases that have been sanctioned.

3) Double standard

If a validator signs multiple blocks with the same height and the same parent block, it constitutes an extremely severe error and is likely a deliberate violation. The reference protocol implementation should already have logic to prevent such situations, so only malicious code could trigger this. In the case of signature reuse, the validator should be immediately removed from the validator set. Anyone can submit a slashable complaint with an AUX signature attestation that includes two blocks of the same height and the same parent block, signed by the violating validator. Upon receiving the attestation, if it is confirmed as valid:

• Update the AUX Validator Collection via Cross-Chain, where validators are removed from the Validator Collection;

• A predefined amount of AUX is deducted from the validator's self-delegation; neither the validator nor their delegates receive staking rewards.

• A portion of the missed AUX is paid to the submitter's address, which is a reward higher than the cost of the Slash Request transaction.

• The seized AUX are distributed to the administration keys of other validators and paid out to all delegators in the same manner as block rewards.

4) Not available

The activity of AUX depends on each participant in the Proof-of-Stake validator set being able to create blocks in a timely manner when it's their turn. Validators may miss their time window for various reasons, particularly due to issues with their hardware, software, configuration, or network. This operational uncertainty affects performance and introduces more instability into the system.

There could be an internal smart contract that records the missed slashing indicators of each validator. Once the indicator exceeds a predefined threshold, the validator's slashing rewards are not forwarded and distributed but shared with other better validators. In this way, poorly performing validators should gradually be voted out of the validator set, as their delegators receive fewer or no rewards. If the indicator continues to exceed another higher threshold, the validator is excluded from rotation, which is forwarded to AUX, and then a predefined number of AUX validators are removed from the self-delegated AUX. Both validators and delegators receive none of their staking rewards.

5) Control parameters

There are many system parameters that can control the behavior of AUX, such as slash amounts and cross-chain transfer fees. All these parameters are collectively determined by the AUX Validator Set based on their stake through the voting process for proposals.

3.4 Rewards and Airdrops

In the initial phase, we will distribute AUX tokens through airdrops/rewards to direct fans' attention to the project. Within the community, users can enjoy the appreciation of AUX tokens, fee deductions, wealth growth, profit returns, monitoring, voting, and token interest. We will also offer various incentives to users who contribute to the system's liquidity. The community rewards users through incentive mechanisms by holding AUX tokens, thereby benefiting from the various rights of the community.

During the market launch of the AUX Token, registration campaigns with token rewards, partner promotions, and transaction fee discounts were conducted through various channels such as KOLs, media news, and community leaders to actively build the community. Through community management leaders and comprehensive advertising campaigns, giveaways, and Q&A gift promotions, AUX's determination to move forward was visibly demonstrated to missionaries and newcomers worldwide.

3.5 Token value assignment

In addition to its application in real value appreciation, AUX can be exchanged for common cryptocurrencies after its launch on the stock exchange and supports interoperability and payments across all areas of the ecosystem, such as payments, transfers, transactions, crowdfunding, financial management, and charitable purposes. At the same time, AUX enables exchange with fiat currencies, which will accelerate the interoperability of AUX and add additional value attributes to the scarce AUX, thereby increasing its overall value and price.

In addition to spreading within its own ecosystem, it will also be adopted by third-party applications connected to exchanges, existing as the sole value token. This will accelerate the spread of AUX, add more value attributes to the rare AUX, and increase its overall value and price.

As an RWA, AUX can theoretically be used for the registration, storage, and trading of any type of property. The high-quality asset information provided by AUX can serve as a blockchain proof by being converted into digital assets, thereby eliminating the barrier between online and offline assets. Through technical means, the scope of tradable objects and trading methods for digital assets is significantly expanded, improving the efficiency of asset movement and utilization.

In the future, we can clearly see that the AUX token will play a significant role in the areas of trade, payment, and investment, and will permeate all aspects of life for every member of society.

1) Sphere of commerce

• Users can use AUX tokens instead of fiat currency for transactions, enabling true P2P money transfers;

• Users can use AUX tokens to trade with other digital currencies instead of fiat currencies.

• Users can exchange other cryptocurrencies for AUX tokens to avoid the risk of price increases.

2) Payment domain

• Significant reduction in payment time, especially for cross-border payments;

• Transaction data is stored in the blockchain, enabling better tracking;

• Effectively reduce payment costs in the cryptocurrency payment scenario.

3) Investment area

• Deposit other cryptographic assets as collateral to obtain AUX tokens for investmen

ts and financial instruments, and enjoy the double appreciation of the assets.

• Transaction records are stored on the blockchain, are immutable, and eliminate book ing disputes;

• Combining AUX-Token and IEO to reduce ICO risks;

• Utilize the characteristics of AUX tokens to develop DeFi-based credit, staking, liqu idity, trading, derivatives, multi-markets, incentive creation, DAO governance within the ec osystem, and other long-term smart contracts requiring price stability.

Chapter 4 AURIX Industry Structure

To facilitate the smooth global distribution of AUX-Token, AURIX focuses on the de velopment of on-chain asset verification, decentralized liquidation networks, and a multi-ass et interchain settlement protocol.

4.1 Confirmation of Rights to Blockchain Assets

With AURIX, asset owners, institutional users, and third-party asset platforms can ach ieve user-friendly, efficient, and cost-effective verification of blockchain assets.

The ownership of assets plays a central and decisive role in financial transactions. In the traditional financial system, asset ownership is often confirmed through paper docume nts, registration offices, and other methods. This approach is not only inefficient and costl y but also prone to human factors and carries risks such as manipulation and forgery. For example, the creation of ownership certificates in real estate transactions can take weeks or even months, requiring approval and verification by multiple authorities. This not only i ncreases the time costs of transactions but can also lead to inconsistencies and errors in t he information.

In the era of digital finance, the speed of digital assets has significantly increased, tra nsaction boundaries are continuously expanding, and cross-border transactions are becoming more frequent. Under these circumstances, traditional methods of asset security can no lo nger meet market demands. Ownership of assets must be quickly and accurately verified i

n the digital space to ensure smooth transactions and the legitimate rights of all participan ts. Only when the digital identity of assets is clear and unambiguous can transaction parti es engage in business based on mutual trust. Otherwise, any issue regarding asset ownersh ip could lead to a standstill or even the collapse of a transaction.

In addition, a clear property ownership right is crucial for the valuation, security, and financing of assets. Financial institutions must first clarify ownership relations when asses sing assets. Only when the property rights status is unimpeachable can an accurate valuati on and appropriate financing options be provided. In some new financial areas, such as lo ans against digital assets or blockchain bonds, blockchain-based legal security of assets is a fundamental prerequisite. Without a reliable legal security mechanism, these innovative fi nancial transactions cannot be effectively executed, and the development of the digital fina ncial economy will be significantly constrained.

1) Advantages of legal verification of AURIX chain assets

AURIX understands the central importance of asset ownership rights in financial trans actions. Through advanced blockchain technology, it provides immutable, verifiable, and tra nsparent ownership certification services for all types of assets. Whether real or digital ass ets, they can be precisely registered in the AURIX system to ensure the digital identity of the assets from the outset. This guarantees clear ownership rights during blockchain trans fers and lays the foundation for trustworthy financial transactions.

Immutability

The AURIX Chain Active Verification Service leverages the decentralized accounting properties of blockchain technology to ensure the immutability of ownership information. Once the ownership data of an asset is registered on the blockchain, it is permanently sto red across multiple decentralized nodes. These data are interconnected in the form of bloc ks, creating an ever-extending chain-like structure. Each block contains specific information such as the asset's identification, owner data, timestamp, etc., and is cryptographically lin ked to the preceding and subsequent blocks through complex encryption algorithms. This s tructure makes it extremely difficult to manipulate the data of a block, as an attacker wou ld need to simultaneously alter the data on the majority of the network's nodes and overc ome highly sophisticated encryption algorithms.

This immutability provides the most reliable security for the ownership of assets and eliminates the frequent risks of fraud and disputes common in traditional financial transacti ons. Financial institutions and investors can rely on the ownership information recorded in the blockchain, thereby actively participating in the trading and investment of digital asse ts.

◎ Traceability

The AURIX blockchain technology provides traceability for the ownership information of assets. From the first registration of an asset, every change in ownership leaves a clea r record on the blockchain, which is chronologically ordered and forms a complete history of the assets. This traceability not only helps owners and involved institutions quickly ve rify the historical movement of assets but also serves as strong evidence in disputes.

In the cultural industry, the process of creating a literary or musical work and subseq uently licensing, adapting, and redistributing it multiple times can be highly complex, as s een with copyrighted assets. In traditional copyright management, the lack of an effective tracking mechanism often leads to unclear legal relationships and disputes due to repeated transfers. By enabling chain validity verification with AURIX, each licensing of a work ca

n be meticulously recorded on the blockchain, including the time, scope, licensor, and licensee. Both copyright holders and regulatory authorities can track the licensing history of a work at any time to ensure lawful transfer of copyright.

This traceability provides strong support for the regulation and compliance of assets. Authorities and regulatory bodies can monitor asset transfers in real-time through the blockchain platform to ensure all transactions comply with legal requirements. This is crucial for combating illegal asset transfers and protecting intellectual property. At the same time, traceability offers more information for asset valuation and investment analysis. Investors can assess the stability and potential of assets by reviewing their historical transfer records, thereby making more informed investment decisions.

Openness and transparency

The AURIX On-Chain Asset Confirmation Service is also characterized by transparency and openness. In the blockchain network, all information regarding property rights is publicly available and transparent. Any authorized participant can access registration and transfer details of assets using tools such as blockchain browsers. This openness and transparency not only enhance the clarity and credibility of transactions but also promote fair competition and healthy market development. Transparent confirmation information about assets can effectively prevent insider trading and market manipulation. In traditional financial markets, fraudulent actors may exploit non-publicly accessible ownership information about certain assets to gain an advantage and harm the interests of other investors. The on-chain transparency of AURIX ensures that all transactions occur in the light of public scrutiny, making it easier to detect and monitor suspicious trading activities, thereby guaranteeing market fairness and justice.

2) Application scenarios for the confirmation of rights to AURIX chain assets

Digital securities

Digital securities, as a novel form of financial investment, require reliable legal safeguard mechanisms for their issuance and trading on the blockchain. AURIX can provide precise legal safeguard services for each unit of digital securities to ensure that the rights of every investor are clearly recorded and protected on the blockchain. During the issuance process of digital securities, from the initial registration step to subsequent transfers, all information is recorded and updated on the blockchain network by AURIX. Investors can easily query their held securities and corresponding rights via the blockchain.

For example, a startup issues digital equity instruments secured by AURIX's blockchain-based asset custody. Detailed information such as the issuance, transfer, and dividend distribution of each share is recorded in the blockchain. Small shareholders can always view the shares they hold, understand the company's operational status and dividend policies, thereby better exercising their rights. At the same time, this clear security mechanism also benefits the secondary market for digital securities. Investors can trade digital securities with confidence, without worrying about unclear ownership structures.

Digital artworks

The market for digital artworks has shown dynamic development in recent years, but it also faces challenges in copyright protection and ownership verification. AURIX provides creators, collectors, and trading platforms for digital artworks with a reliable solution for verifying blockchain-based assets. Through blockchain technology, critical information such as creation dates, creator data, and ownership history of digital artworks can be accurately recorded and verified.

Taking digital painting as an example, an artist can register the ownership information of a digital artwork on the AURIX platform via the blockchain after completing the piece. This registration includes the digital fingerprint of the artwork, the creation date, the artist's digital signature, etc. Once the registration is successfully completed, it becomes an immutable proof of ownership. When the artwork is purchased by a buyer, the ownership transfer is also updated on the blockchain, and the new buyer becomes the new owner. Such authentication mechanisms can not only protect the rights of digital artists but also provide reliable asset proofs for digital art collectors and promote the development of the digital artwork market.

Supply-Chain Financing

In the context of supply chain finance, AURIX's blockchain-based asset custody provides clear recording and management of ownership of goods. By recording information about the procurement, transportation, storage, and sale of goods in the blockchain, all companies in the supply chain can track the ownership status of goods in real time, enabling more precise financing and transactions. This transparent asset custody mechanism not only enhances the transparency and efficiency of the supply chain but also reduces risks for financial institutions and promotes the development of supply chain finance.

3) Mechanism for verifying the ownership rights of assets in the AURIX chain

Identity verification and digital signature

Before AURIX confirms the rights to blockchain assets, it first conducts a rigorous identity verification of the involved parties, including asset owners, institutional users, and third-party asset platforms. Multi-factor authentication technologies such as passwords, SMS codes, and biometric data ensure that the identities of participants in the legal structuring of assets are authentic and trustworthy. Upon successful identity verification, the relevant party receives a unique digital identity ID, which is used for subsequent legal structuring operations.

In the process of asset security, digital signature technology plays a crucial role. The asset owner uses their private key to sign the asset information when it is recorded in the blockchain. This signature is stored in the blockchain along with the asset information, ensuring the integrity and non-repudiation of the asset data. When other participants query the asset information, they can verify the authenticity of the information by checking the d

igital signature. This combination of identity verification and digital signatures provides rel iable identity and data integrity assurance for asset security.

◎ Smart Contracts and Automated Legal Verification

AURIX utilizes Smart-Contract technology to automate the process of property rights confirmation. Smart Contracts are automatically executable contract clauses deployed as co de on a blockchain. In the context of property rights confirmation, Smart Contracts can au tomatically perform the registration of property information and the transfer of ownership according to predefined rules. For example, buyers and sellers in real estate transactions o n the AURIX platform can enter into a Smart Contract that specifies the conditions for o wnership transfer, such as payment completion or property transfer processing. Once the b uyer makes the payment, the Smart Contract automatically triggers the ownership transfer and updates the property information on the blockchain. The entire process requires no hu man intervention, which not only enhances the efficiency of rights confirmation but also r educes the possibility of human errors and fraud.

The automated legal certainty mechanism of Smart Contracts can also be combined w ith IoT technology to enable real-time legal certainty for assets. For example, in the logist ics sector, by installing IoT devices on goods, the position and status information of the g oods can be transmitted in real time on the blockchain. Once the goods reach the destinat ion and the delivery is completed, the Smart Contract automatically facilitates the transfer of ownership of the goods based on the information transmitted by the IoT devices, ensuri ng that the ownership rights align with the actual physical state.

Cross-Chain Interoperability

The AURIX service for verifying on-chain assets also supports cross-chain interoperab ility, enabling seamless integration with multiple different blockchain platforms. In the fiel d of digital finance, various blockchain platforms can host different types of assets and bu siness activities, such as digital securities on the Ethereum platform or decentralized financ ial applications on the Polkadot platform. Through cross-chain technology, AURIX can uni formly verify and manage ownership information across these diverse platforms. For exam ple, a digital corporate bond issued on the Ethereum platform could be traded, while the associated collateral is registered on the Polkadot platform. With AURIX's cross-chain inter operability, the ownership information of the digital bond and the collateral can be linked and verified, allowing assets on different blockchain platforms to collaborate and support c omplex financial transactions. This cross-chain interoperability not only expands the applica tion scope of AURIX but also creates the possibility of building a unified ecosystem for digital assets.

4) Future prospects of asset ownership certification on the AURIX chain

With the continuous development of blockchain technology and the expansion of its a pplication areas, the on-chain asset verification service by AURIX will play an increasingl y important role. In the future, AURIX will continuously optimize its verification technolo gy, improve the efficiency and security of verification, and reduce verification costs to bet ter suit a wider range of assets and application scenarios.

On one hand, AURIX will enhance support for new asset types, such as digital identi ty assets, land, and objects in virtual worlds. With the rise of new areas like the metavers e, the verification of ownership of these virtual assets will become a crucial component of digital finance. Through continuous technological innovation, AURIX will provide reliable ownership verification services for these new asset types and promote the healthy develop ment of the virtual asset market. On the other hand, AURIX will further strengthen collab

oration with traditional financial institutions and deeply integrate ownership verification services for on-chain assets with traditional financial transactions. By partnering with traditional financial institutions such as banks, securities firms, and insurance companies, AURIX can support the digital transformation of traditional financial assets and foster the cooperative development of traditional and digital financial economies. For example, AURIX can collaborate with banks to provide on-chain ownership verification services for their mortgage business, improving the management efficiency and security of collateral while reducing banking risks.

In addition, AURIX will actively explore scenarios for cross-border verification of property rights. In areas such as cross-border trade and investment, the verification and transfer of property rights face a more complex legal and regulatory framework. AURIX will collaborate with international organizations and national regulatory authorities to explore the path to standardization and compliance in cross-border verification of property rights, thereby providing strong support for the development of the cross-border digital financial economy.

In summary, the AURIX blockchain asset verification service provides a reliable foundation for the development of digital finance. With its immutable, traceable, and transparent features, AURIX not only ensures the clarity of asset rights but also promotes the healthy development of the digital asset market. In the future, AURIX will continuously expand its application scope and optimize its technical capabilities to build a safer, more efficient, and transparent digital financial ecosystem.

4.2 Decentralized Execution Network

AURIX overcomes the centralized disadvantages of traditional financial settlement networks and builds a decentralized settlement network. In this network, transaction parties can settle assets quickly and efficiently without relying on a single settlement center. AURIX utilizes technologies such as smart contracts to automatically execute settlement rules, reduce settlement risks, and enhance efficiency. At the same time, the decentralized blockchain technology strengthens the transparency and security of the settlement process, effectively avoiding potential single points of failure and power abuse in centralized settlement systems.

1) The limits of the traditional centralized processing procedure

In the traditional financial system, the execution of transactions often relies on a centralized clearing house. Take stock transactions as an example: when investors buy or sell stocks, the trading orders must ultimately be processed through the clearing system of the stock exchange. In this process, the clearing house acts as a central hub responsible for capturing transaction data, calculating net positions, adjusting account balances, and coordinating the clearing of funds and securities. While this model maintains market operations to a certain extent, it has significant shortcomings.

On one hand, the centralized clearing system is inefficient. During periods of high trading activity, such as market opening and closing times, a large number of trading orders flood into the clearing system, overloading the clearing house servers and significantly extending clearing times. This not only increases the opportunity costs for investors but can also lead to market instability. Statistics show that in certain highly volatile market phases, the traditional clearing time can extend from minutes to several hours or even longer.

On the other hand, the centralized clearing system carries the risk of a single point of failure. If the servers of the clearing center fail, the clearing function of the entire trading system would cease to operate. For example, on August 22, 2013, the NASDAQ stock market was closed for trading due to a technical defect, causing market confusion. This incident highlighted the dependence of centralized clearing systems on a single clearing center and the associated enormous risks. Moreover, centralized clearing centers concentrate large amounts of trading data and financial information, creating potential room for abuse of power. In history, there have already been cases where internal employees of clearing centers manipulated the market or leaked trading information, seriously undermining the interests of investors and market fairness.

2) Innovations of the decentralized liquidation system in AURIX

No dependence on a single clearing center

The decentralized clearing network of AURIX eliminates the reliance on traditional financial clearing from a central clearing center. In this network, transaction parties can directly conduct asset transfers and clearings without the need for a central clearing institution. Through blockchain technology, transaction information is distributed and stored across multiple nodes that collectively participate in the clearing process, ensuring the security and efficiency of transactions. For example, in cross-border foreign trade, buyers and sellers on the AURIX network can achieve fast cross-border payment processing without going through multiple bank intermediaries and complex cross-border clearing systems, significantly reducing transaction time and costs.

Smart Contracts automatically execute liquidation rules.

AURIX actively leverages the core advantages of smart contracts as central blockchain technology to automatically execute liquidation rules. In traditional liquidation processes, transaction rules are manually or semi-automatically processed, which can easily lead to errors and delays. However, AURIX's smart contracts are pre-programmed to automatically trigger the liquidation process once a transaction meets predefined conditions. This not only enhances the efficiency of liquidation but also reduces the risk of human intervention. For example, the traditional liquidation method in futures trading requires manual verification of delivery terms, calculation of profits and losses, and fund transfers when a futures contract matures. In AURIX's decentralized liquidation network, smart contracts automatically calculate the profits and losses of buyers and sellers based on market trends and contract terms, and immediately adjust assets. This process is completed within seconds and requires no human intervention, significantly improving the efficiency and accuracy of liquidation.

◎ Increasing transparency and security in the processing procedure

The blockchain technology of AURIX offers unprecedented transparency and security i n the processing procedure through its decentralized accounting. In traditional processing la ndscapes, transaction data is often stored in centralized databases of processing entities, wh ich are usually opaque to ordinary investors. In contrast, AURIX's decentralized accounting technology ensures that each transaction is stored across multiple nodes, making the infor mation publicly accessible to all participants.

This transparency not only allows both parties in a transaction to track progress and clearing status in real time but also strengthens trust among market participants. For exam ple, in supply chain financing, suppliers and buyers can view the clearing status of receiv ables in real time via the AURIX network, ensuring fund security and enabling more trust worthy business operations. At the same time, the immutable nature of the Distributed Led ger ensures the authenticity and completeness of transaction data, effectively preventing dat a manipulation or falsification and guaranteeing the security of the clearing process.

Application advantages of the AURIX decentralized liquidation network:

• Enhanced efficiency in liquidation: AURIX's decentralized liquidation network autom atically executes liquidation rules via smart contracts, eliminating manual interventions and complex coordination processes, thereby significantly increasing liquidation speed. This eff iciency provides investors with substantial advantages in both high-frequency trading and c ross-border trading scenarios.

• Minimizing risks during liquidation: AURIX's decentralized liquidation network redu ces liquidation risks through Distributed Ledger Technology and Smart Contracts. In traditi onal liquidation models, a single point of failure at the liquidation hub can lead to a colla pse, whereas AURIX's Distributed Ledger ensures the entire liquidation network continues to function even if individual nodes encounter issues. Additionally, the automated executio n of Smart Contracts minimizes human errors and fraud risks, enhancing the accuracy of l iquidation.

• Enhanced market transparency and trust: AURIX's decentralized clearing network inc reases market transparency and strengthens trust among market participants. In traditional f inancial markets, trust in the clearing process is often lacking due to information asymmet ry. AURIX's transparency enables all participants to view transactions and clearing informa tion in real time. This transparency not only reduces information asymmetry but also foste rs trust among market participants and promotes the healthy development of the market.

With the continuous development of financial technology and the increasing maturity of blockchain technology, the decentralized clearing network of AURIX will have broad d evelopment prospects. In the future, AURIX will further expand the application scope of it s clearing network and enhance technical performance to meet the growing market demand s.

4.3 Multi-Asset Cross-Chain Settlement Protocol

Am the rapid development of blockchain technology, the types of digital assets and tr ansaction demands are exploding. However, interoperability issues between different blockc hain networks have become a critical bottleneck, hindering the widespread application of b lockchain technology and the free transfer of digital assets. AURIX has taken the lead by introducing a multi-asset cross-chain settlement protocol to break through this blockade. It aims to provide strong technical support for the unification and prosperity of blockchain

financial markets and build a connected, diverse, and inclusive ecosystem for the settlemen t of blockchain assets.

1) The urgency of requirements for cross-chain interoperability of blockchain assets

◎ Explosive increase in the number of asset types

With the spread of blockchain technology, there is an increasing diversity of digital a ssets. In addition to mainstream cryptocurrencies like Bitcoin and Ethereum, new digital as sets are constantly emerging, including decentralized financial applications (DeFi), non-fung ible tokens (NFTs), and tokenized supply chain assets. These assets have unique value and application scenarios within their respective blockchain networks, but there is a serious li quidity barrier between them.

For example, some NFT assets such as artworks or virtual land are primarily issued and traded on the NFT market via the Ethereum platform, while others are based on othe r blockchain platforms like Polkadot. This fragmentation makes it difficult for users to eas ily transfer and trade these assets across different networks, thereby limiting their market value and potential applications.

Challenges of interoperability between different blockchain architectures

Currently, there are significant differences in technology and architecture among vario us blockchain networks. The Bitcoin blockchain primarily operates on a peer-to-peer monet ary system, while Ethereum supports smart contracts and decentralized applications (DApp s). In contrast, newer blockchains like Polkadot and Cardano focus on scalability, degree o f decentralization, and security. These differences prevent assets from directly interacting a nd settling between blockchains.

For example, the Bitcoin network is slower but more secure, while Ethereum is faster but sees rising fees during network congestion. If users want to leverage the strengths of both networks simultaneously, they need a cross-chain asset transfer mechanism. However, effective cross-chain solutions are lacking, forcing users to rely on centralized exchanges or complex multi-step operations to transfer assets. This not only increases transaction cost s but also reduces the efficiency and security of transactions.

2) The core advantages of the AURIX Multi-Asset Cross-Chain Settlement Protocols

Break through asset islands and enable seamless cross-chain settlement

The Multi-Asset Cross-Chain Settlement Protocol by AURIX breaks down barriers between different blockchain networks through innovative technical designs, enabling seamless cross-chain transactions for mainstream blockchain assets (such as Bitcoin and Ethereum) as well as various emerging assets. This means users can freely transfer and trade assets across different blockchain networks without worrying about compatibility issues. For example, a user can transfer Bitcoin from the Bitcoin network to the Ethereum network and then utilize Ethereum-based DeFi applications for staking and borrowing. This seamless cross-chain process not only enhances asset liquidity but also provides users with more investment and trading opportunities. With AURIX's protocol, cross-chain asset transfers become as simple and convenient as within the same network, significantly improving the user experience.

◎ Standardized billing processes and highly compatible protocol design

The AURIX Cross-Chain Settlement Protocol employs standardized settlement processes and highly compatible protocol designs to ensure efficient and secure asset transfers between different blockchains. Through a series of bridge technologies and compatibility optimizations, the protocol enables the interaction of various blockchain networks within a unified framework. For example, the AURIX protocol could utilize a specialized bridge contract to "lock" assets from the Bitcoin network on the Bitcoin chain and generate corresponding asset representations on the Ethereum chain. When users wish to transfer assets back from the Ethereum chain to the Bitcoin chain, the bridge contract releases the corresponding Bitcoin assets. This standardized process not only reduces the complexity of cross-chain operations but also enhances the stability of the entire system.

In addition, the AURIX protocol considers the characteristics of various blockchain networks and enables high compatibility with different blockchain networks through flexible configuration and optimization. Whether it's the Bitcoin network based on Proof-of-Work (PoW) or the Cardano network based on Proof-of-Stake (PoS), the AURIX protocol ensures seamless interaction between them.

Reduce bridging costs and improve circulation efficiency

Traditional cross-chain operations often require the use of centralized exchanges or complex multi-step processes, which not only prolong transaction times but also increase costs. AURIX's multi-asset cross-chain settlement protocol significantly reduces cross-chain costs and enhances the efficiency of asset transfers between different blockchain ecosystems through optimized technical solutions and efficient protocol design. For example, the conventional approach might obligate users to first convert Bitcoin into stablecoins and then execute transactions on the Ethereum network, potentially leading to multiple fees and extended transaction times. With AURIX's cross-chain settlement protocol, users can directly transfer Bitcoin to the Ethereum network and perform corresponding DeFi operations, thereby reducing intermediate steps and lowering transaction costs.

This efficient cross-border liquidation not only saves time and money for users but also drives the overall development of blockchain financial markets. With the freer movement of assets between different blockchains, both the overall efficiency and vitality of the market are enhanced.

In the future, the AURIX Multi-Asset Cross-Chain Settlement Protocol will demonstrate broad prospects and development potential with the continuous advancement of blockchai

n technology and the expansion of its application areas.

• Technological Advancement and Optimization: AURIX will continuously advance an d optimize the Multi-Asset Cross-Chain Settlement Protocol to meet the demands of high-f requency trading and large-scale applications. By leveraging more advanced bridge technol ogies and consensus mechanisms, AURIX will further enhance the speed and security of c ross-chain operations while reducing transaction costs.

• Expansion of cross-chain asset types: AURIX plans to continuously expand the appl ication scope of the Multi-Asset cross-chain Settlement Protocols and support more blockc hain networks and asset types. In addition to existing mainstream cryptocurrencies and De Fi assets, AURIX will also support new blockchain platforms and digital assets such as vi rtual assets in the metaverse and data assets generated by IoT devices.

• Promoting the development of industry standards: AURIX will actively participate in the development of industry standards for blockchain interchain technologies and drive th e healthy development of the entire industry. By collaborating with global blockchain deve lopers, companies, and regulatory authorities, AURIX will jointly develop unified interchai n protocol standards to strongly support the standardization and development of the blockc hain financial market.

Chapter 5 Technical System

5.1 Overview of the Overall Architecture

The technical architecture of the AURIX-Token is based on blockchain technology an d combines advanced technologies such as smart contracts, decentralized exchanges, IoT, a nd artificial intelligence to enable the tokenization, trading, management, and verification o f real-world assets.

• Blockchain foundation: Provides decentralized, immutable data storage and transactio n records.

• Smart-Contract Layer: Implements functions such as asset tokenization, transaction lo gic, and profit distribution.

• Tokenization layer: Conversion of real-world assets into digital tokens (NFTs).

• Decentralized trading platform: Supports the trading and liquidity of AURIX tokens.

• IoT and AI layer: Real-time monitoring and intelligent evaluation of real assets.

• User interaction layer: Provides a user-friendly interface and supports multi-platform access.

• Security and Compliance Layer: Ensures system security, data protection, and compliance.

The technical architecture of the AURIX-Token offers an innovative solution for investing in and trading real assets by combining advanced technologies such as blockchain, smart contracts, the Internet of Things, and artificial intelligence. By lowering investment thresholds, increasing market liquidity, and enhancing transparency and trustworthiness, AURIX not only attracts more investors to the real asset market but also creates new financing sources and development opportunities for real assets. In the future, AURIX will continue to explore technological innovations and market expansion to drive the digital transformation and sustainable development of the real asset industry.

5.2 Blockchain Fundamentals

AURIX utilizes Ethereum as its primary blockchain platform, benefiting from its mature smart contract functionality and extensive developer community. At the same time, it supports cross-chain technologies to ensure compatibility with other blockchain platforms (such as Polkadot, Binance Smart Chain, etc.).

• Data storage: All information about real-world assets, transaction records, and user data is stored on the blockchain, ensuring the immutability and transparency of the data.

• Consensus mechanism: The consensus mechanism will be based on Ethereum's Proof-of-Stake (PoS) to ensure the security and efficiency of the network.

5.3 Smart-Contract Layer

AURIX has developed specialized tokenization contracts for real-world assets. Through smart contracts, real-world assets are divided into smaller shares and processed into NFTs. Each NFT represents a share of ownership in real-world assets and documents their detai ls (such as production date, certification, origin, etc.).

• Transaction Contract: Implementation of the transaction logic for AURIX tokens, inc luding functions such as buying, selling, transferring, and staking. Smart Contracts automat ically execute transactions to ensure transparency and security.

• Profit-sharing agreement: Allocate the appreciation gains of real assets to AURIX to ken holders according to predefined rules. The automated profit distribution is implemented via smart contracts to ensure fairness and transparency.

• Governance Contract: Implementation of the community governance function, enablin g AURIX token holders to participate in the platform's decision-making process through v oting, such as on asset tokenization plans or platform functionality upgrades.

5.4 Tokenization layer of assets

The AURIX tokenization layer primarily realizes the selection and evaluation of assets, token generation, and asset custody.

• Asset selection and evaluation: Collaboration with brands for real-world assets and professional appraisal institutions to select suitable real-world assets for tokenization, along with their rigorous evaluation and assessment.

• Token Generation: Based on the evaluation results, NFTs are generated through sma rt contracts. Each NFT contains a unique identification of the real asset, ownership inform ation, and relevant rights.

• Asset Custody: The physical assets are stored in a secure third-party custodial facili ty, and their status and location are monitored in real-time via blockchain technology.

5.5 Demagnetization of Transactions

AURIX has developed a decentralized trading system to support the trading and liqui dity of the AURIX token.

• Trading Platform: Establishment of a decentralized trading system that supports the trading of AURIX Tokens. Users can buy and sell AURIX Tokens directly through their wallets on the platform without the involvement of a central institution.

• Liquidity Provision: Through the mechanism of liquidity mining, users are encourag ed to provide liquidity for the trading platform. Liquidity providers can receive trading fee s and token rewards.

• Transaction reconciliation: Utilizing smart contracts for the automatic processing and execution of transactions to ensure efficiency and transparency.

5.6 IoT and AI Layer

The AURIX-IoT and AI layer primarily serves IoT integration, AI-supported identification, and intelligent evaluation.

• IoT-Integration: IoT devices (such as RFID tags, sensors, etc.) are embedded in real-world storage containers to monitor their condition and location information in real time. This information is automatically synchronized on the blockchain, enhancing anti-counterfeiting and traceability functions.

• AI-supported identification: Utilizing artificial intelligence to analyze and compare images, textures, and manufacturing characteristics of real value objects to support certificate verification. Through machine learning algorithms, counterfeit products are quickly identified, enhancing the efficiency and accuracy of identification.

• Intelligent evaluation: The market value of real assets is dynamically assessed through AI algorithms to provide investors with real-time market information and investment recommendations.

5.7 User Interaction Layer

The AURIX user interaction layer is primarily aimed at user services and includes web interfaces, mobile apps, and multi-platform support.

• Web Interface: AURIX provides a user-friendly web interface that supports functions such as user registration, login, asset inquiry, and transactions.

• Mobile Apps: AURIX develops mobile apps (iOS and Android) to enable users to easily access AURIX applications for asset management and transactions anytime, anywhere.

• Multiplatform support: AURIX supports various wallets (such as MetaMask, Trust Wallet, etc.), enabling users to seamlessly utilize AURIX tokens across different platforms.

5.8 Security and Compliance Layer

Security and compliance are aspects that are extremely important to AURIX, includin

g the development of data encryption, data protection, and compliance.

• Data encryption: AURIX employs advanced encryption technologies to ensure the se curity of user data and transaction information.

• Data Protection: AURIX adheres to strict data protection policies to ensure the conf identiality and security of user information.

• Compliance: AURIX collaborates with legal experts and regulatory authorities to ens ure that the issuance and trading of AURIX tokens comply with relevant laws, regulations, and regulatory requirements.

Chapter 6 Market Events and Promotion

6.1 Market Cooperation

To advance the development of AURIX users and the market, we will achieve compr ehensive communication across channels through top applications, media, and stock exchan ges.

1) Media

With the global development of AURIX, we will advertise in global media such as C oindesk, Cointelegraph, The Block, Decrypt, CoinMarketCap, Meta, YouTube, and Telegra m.

2) Star-Partner

To protect the security of AURIX, we have recruited a group of All-Star partners fro m fields such as mathematics, computer science, RWA, NFT, decentralized finance, and di gital currencies as validators for the AURIX network.

3) Application Cooperation

AURIX establishes strategic partnerships with top applications: AAVE, Venus,CertiK,

MakerDao、Imtoken、PancakeSwap、PONTEM、APTOS、BINANCE、CoinMarketCap、crypto.com、coinbase、CoinGecko。

4) Admission to the trading floor

We will collaborate with world-leading exchanges to launch the AUX-Token into the market, while providing liquidity for the market and value appreciation for investors. At the same time, we will bring together more like-minded and entrepreneurial forces. With the introduction of the AUX-Token on the exchanges, the project value will continue to rise. The exchange partners include: Binance, Huobi, OKX, Coinbase, and Pancake.

In the future, AURIX aims to develop more high-quality applications with the support of the community, media, stock exchanges, and investors, collaborating with global users to achieve excellence and further advance the Bridge Token, which connects all global users and links "real value investments" with the "blockchain financial system."

6.2 Marketing and Advertising Strategies

1) User data collection

We will employ various methods to attract and increase users for the platform, aiming to build a large and diverse user base. The user acquisition strategy of AURIX includes, but is not limited to, the following aspects:

• Attention-boosting reward programs: AURIX will introduce attractive reward programs to motivate new users to register and actively participate in AURIX investments. These rewards may include trading fee discounts and other special incentives.

• Referral Program: AURIX will introduce a referral program that encourages existing users to invite new users. Both the referrers and the invitees benefit from this program, increasing the number of users while simultaneously enhancing user engagement.

• Market Partners: AURIX will actively seek collaborations with top funds and financial institutions to expand our user base. These partnerships will offer users unique benefits and privileges while enhancing AURIX's visibility.

• Community-Building: AURIX will actively build communities, including social media communities, online forums, and offline events. This will help expand the user base and enhance interaction and engagement among users.

2) Brand building

Brand building is the key to the dissemination of AURIX. We will apply the following strategies for the brand building and dissemination of AURIX:

• Market positioning: AURIX clearly positions itself as a carrier of credit capacity, representing the "digital gold era," with the goal of becoming a market leader.

• Brand reputation: AURIX will actively focus on customer satisfaction and ensure the provision of outstanding service and support to build a positive brand reputation.

• Social Media and Advertising: AURIX will regularly publish news, updates, and ma

rket analyses about AURIX on various social media platforms such as Twitter, LinkedIn, Telegram, etc., to build closer connections with users.

• Brand consistency: AURIX ensures that the brand remains consistent across all mar keting and advertising measures, including logo, website design, advertising, and packaging materials.

3) Social Media

We will fully utilize social media platforms to promote AURIX and carry out the fol lowing social media activities:

• Regular updates: AURIX regularly publishes updates and analyses on RWA, real as set investments, blockchain financing, and the digital currency industry on social media pla tforms.

• Interaction and Response: AURIX will actively engage with users, respond to questi ons, suggestions, and feedback to enhance customer satisfaction.

• Advertising Campaign: AURIX will promote and publicize special events, competitio ns, and reward programs on social media to attract new users and motivate existing ones.

With the aforementioned strategies, AURIX will build a strong brand identity in the i ndustry, attract more users, and continuously expand its market share. AURIX will strive t o maintain communication and interaction with users to meet their needs and expectations.

6.3 Use of Funds and Financial Planning

1) Purpose of the funds

AURIX will transparently list the use of the raised funds to ensure investors understa nd our financial planning. The following points are the main aspects of our fund utilizatio n:

• Technological Development: AURIX will provide means for technological developme nt, including functional and security updates, as well as improvements to the user interface

for systems such as on-chain asset verification, decentralized settlement networks, and multi-asset cross-chain settlement protocols, to deliver a high-quality user experience.

• Marketing: A portion of the capital is allocated to marketing activities, including social media advertising, promotions, advertising campaigns, and brand building, to attract more users and investors.

• Compliance: AURIX will actively comply with legal requirements and KYC/AML regulations, and provide resources to ensure that AURIX tokens are operated within the legal framework.

• Reserve: A portion of the collected funds will be allocated to establish a reserve to ensure the sustainability of AURIX tokens and to address future uncertainties.

• Operational and Team Support: The funds are used to cover the team's operational costs, personnel expenses, and office equipment to ensure the smooth operation of AURIX.

2) Financial Planning

The financial planning of AURIX will primarily cover the following aspects:

• Operating costs: AURIX will provide a detailed breakdown of operating costs, including server maintenance, security updates, customer support, and staff compensation.

• Revenue model: The revenue model of AURIX is explained, including fees, market data, advertising revenue, and partner programs.

• Sustainability: Discussion of AURIX's sustainability plans, including maintaining a good cash flow, managing market fluctuations, and emergency plans.

Through clear fund utilization and financial planning, we will demonstrate the sustainability and financial transparency of AURIX to investors and the community, building trust and ensuring the successful progress of the project.

6.4 DAO Construction

The AURIX team is aware that an improved and circular value chain, along with a d ecentralized governance model, is essential to advance the cooperative development of mul tiple ecosystems. Therefore, we have innovated within the DAO model and, in collaboratio n with global capital, technology teams, diverse communities, and influencers, established t he decentralized community autonomous organization AUX DAO.

Under the leadership of the DAO, our community governance organization—AUX DA O—will achieve full decentralization and a strong community consensus. AUX DAO has a robust consensus and is 100% self-managed by the community.

After the project launch, the community will vote to develop their own decentralized applications and DApps. The global community building of AUX DAO follows a high de gree of decentralization and is achieved through a combination of on-chain and off-chain methods. Once all program steps of AUX DAO are successfully established, it can be lau nched according to the original rules. During operation, it can continuously self-maintain a nd update based on actual conditions. Through this constant self-improvement mechanism, not only are trust issues eliminated, but an unprecedented level of collective coordination i s also achieved, thereby creating the technical foundation of AUX DAO.

The AUX-Token will serve as the central driving force for ecosystem management an d the development of the DAO. Therefore, the AUX-DAO aims to mobilize the subjective initiative of the community and high-quality resources in a democratic, cooperative, and t ransparent manner to establish a decentralized, proactive DAO autonomy system.

AUX DAO is a decentralized autonomous organization, a technical tool written in co de and executed on the blockchain, and simultaneously a new type of governance structur e that enables transparency, fairness, no human intervention, and autonomous operation wit hout a legal entity. All holders of AUX tokens have the right to participate in AUX DA O. All community members work together on a scientific governance system to realize a DAO governance system with objectives, processes, and outcomes. Different users may ha ve different voting rights. Exchange addresses cannot vote.

Token holders can participate in the following discussions, which is beneficial for the development of the project:

- Community development matters and membership system
- Proposal for the AUX Economics
- Key model parameters for token incentive models
- Collaboration and development of AURIX
- AURIX-Marketing activities, exchange and collaboration
- Other matters related to the marketing strategy

We will establish an administrative committee responsible for promoting various matte rs. The members of the administrative committee can not only contribute to the developm ent of the DAO but also earn additional profits by implementing proposals. The committe e consists of four groups: core tasks, committee members, DAO asset holders, and DAO decentralized identity holders, to jointly manage the community. Every AUX-token holder can submit proposals and vote; in the AUX-DAO decision-making system, there are only options for approval or rejection, with the majority deciding. Anyone can participate by su

bmitting a DAO request and a public vote. This makes decision-making within the commu nity very direct and efficient. The scope of proposals includes: ecosystem marketing, techn ical iteration, code auditing, token airdrops, project funding, DAOVault management, and o ther matters.

In the future, AUX token holders will have full control over the AUX DAO and can decide on the direction of development, market expansion plans, technical roadmaps, asset security, and ecological incentives.

6.5 Development Planning

1) Initial planning

The previous work priorities focused on improving the AURIX systems, lower archite cture, and application functions. At the same time, whitepapers were published and market operations were launched to build the early AURIX ecosystem.

• Development of functions for verifying rights to blockchain-based assets, decentraliz ed settlement networks, and multi-asset cross-chain settlement protocols;

• AURIX is fully operational, and the RWA Community Alliance begins global conse nsus-building;

• The AURIX Community boasts over 5 million users and is embarking on a global expansion.

• With operational centers in key countries and regions such as Dubai, Japan, Singap ore, the U.S., and South Korea at its core, the global network will be expanded, and the establishment of a global business service system will be actively advanced to ultimately e stablish business operations in more than 120 countries and regions worldwide.

2) Medium-term planning

The various business areas and ecosystems of AURIX are well-developed and promot ed on global media platforms to attract more partner companies and expand the platform's influence.

• Intensively expand the platform, develop the foundational technology of blockchain, and establish the technical system;

• Optimizing distribution through joint community campaigns to achieve viral marketing;

• The global advertising campaign was enhanced, highlighted on the homepages of major platforms, etc., significantly boosting its visibility;

• Jointly build a model of community autonomy, establish initial contacts with global companies, and set up the first strategic cooperations;

• Open financing plans, with the goal of raising capital globally and securing angel investments.

3) Future planning

AURIX integrates numerous industries, organizes multilingual platforms, and conducts global business collaborations to establish itself as a more competitive crypto-asset. At the same time, it continuously engages with leading global communities and projects to actively enhance AURIX's international influence. It creates a user-friendly, borderless, censorship-resistant system for the value transfer of real assets and a blockchain infrastructure that serves billions of people worldwide, enabling seamless, borderless wealth transfer of digital currencies.

Chapter 7 Disclaimer of Liability

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