



SEB Coin

Future-Driven

Decentralized Finance

SEB Coin leverages innovative satellite blockchain technology to create a decentralized global payment and data transmission network. **Its mission is to promote global financial inclusion**, enhance the efficiency of **financial systems**, and provide more efficient, secure, and reliable blockchain solutions across industries.

White Paper

Table of contents

Project Background	3
Market Applications and Prospects	7
Financial Inclusion & Cross-Borders	12
Token Economics	17
Overview of Technical Framework	24
Roadmap	28
Investment Background	32
Risk Management	34

Project Background



Since the advent of Bitcoin, blockchain technology has demonstrated its potential across various fields. However, its global adoption still faces challenges, particularly in terms of data transmission coverage and security.

Despite blockchain's decentralized nature, its application in regions with limited internet access is significantly constrained. Many remote areas around the world lack stable internet connections, making it difficult for these regions to benefit from blockchain networks and cryptocurrency advantages.

To address this issue, SEBCoin (SatelliteBloc) was created. This project leverages satellite communication technology to transmit blockchain data worldwide, ensuring access to blockchain technology even in the absence of internet connectivity.

The core vision of SEBCoin is to establish a decentralized blockchain network with global coverage by integrating satellite communication and

blockchain technology. This network offers an alternative to traditional internet-dependent blockchain access. SEBCoin aims to provide a highly secure, resilient blockchain network for users worldwide, supporting encrypted transactions, smart contract execution, IoT device connectivity, and cross-border payment services.

SEBCoin's technical innovations are evident in several aspects. First, using satellite communication, SEBCoin ensures blockchain network accessibility regardless of location. As long as there is satellite signal coverage, users can connect to the blockchain network. Second, employing a satellite network greatly enhances the redundancy and anti-interference capability of blockchain systems, mitigating the impact



of terrestrial network instability. Additionally, SEBCoin deploys blockchain nodes on satellites, offering isolated, secure computing environments that significantly improve data privacy and security.



While blockchain technology garners widespread attention, its global application still encounters many obstacles. A primary challenge is the lack of internet access, particularly in developing countries and remote areas where traditional terrestrial networks fail to reach. Consequently, despite its success in other regions, blockchain adoption remains limited globally.

Beyond internet accessibility issues, existing blockchain networks are also vulnerable to data transmission and storage disruptions caused by terrestrial network instability, posing threats to data security and privacy. SEBCoin effectively addresses these issues through satellite technology, ensuring reliable global blockchain data transmission free from terrestrial network constraints while safeguarding data security and privacy.

The demand for decentralized finance (DeFi), cross-border payments, and data privacy protection is growing worldwide. SEBCoin is particularly valuable in unbanked regions, providing decentralized financial services that enable participation in the global economy. Moreover, with the rapid development of the Internet of Things (IoT), SEBCoin offers more reliable and secure communication support for IoT devices, especially in remote areas or offshore environments where traditional internet connections are unavailable.

By combining satellite communication with blockchain technology, SEBCoin overcomes the limitations of existing blockchain networks, addressing issues of internet access, security, and redundancy. This initiative promotes the global adoption of cryptocurrency and decentralized finance. SEBCoin's innovative approach and solutions showcase its immense potential in the future development of blockchain technology, while providing practical support for inclusive financial systems and IoT applications worldwide.



Market Applications and Prospects

SEBCoin, as an innovative cryptocurrency, aims to address global internet access limitations by integrating satellite communication technology with blockchain. It is committed to promoting financial inclusion and the development of decentralized finance (DeFi) on a global scale. With the increasing demand for cryptocurrency and decentralized applications, SEBCoin has vast market potential in several key areas:



First, SEBCoin offers a groundbreaking solution for global cross-border payments. Traditional cross-border payment systems rely on central banks and payment institutions, making transactions time-consuming and expensive. By leveraging its satellite communication network, SEBCoin facilitates decentralized cryptocurrency payments and remittances worldwide, significantly reducing the costs and time associated with cross-border payments. For regions without banking

services, SEBCoin provides a direct payment method, enabling residents to participate in the global economy with lower costs.

Second, SEBCoin demonstrates immense potential in the Internet of Things (IoT) sector. With the rapid growth in IoT devices, seamless connectivity and communication between devices have become pressing



challenges. Traditional IoT solutions depend heavily on terrestrial networks, which are often unavailable in remote or offshore regions. SEBCoin addresses this issue by offering an efficient, reliable global communication network for IoT devices through satellite technology. This ensures stable connectivity and communication for devices worldwide, supporting applications in smart homes, agriculture, transportation, logistics, and beyond.

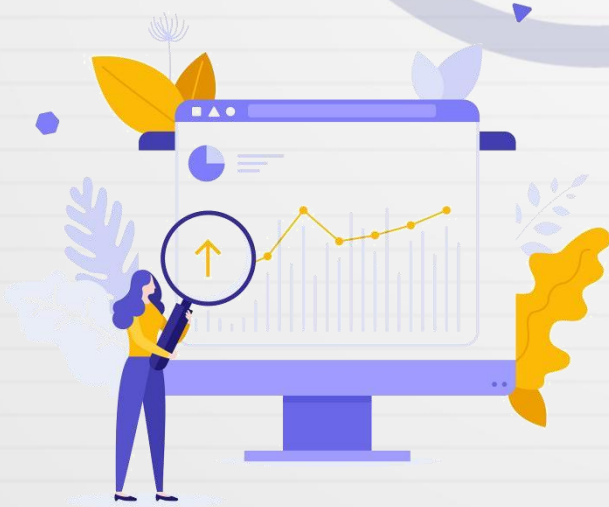
Additionally, SEBCoin has significant potential in the financial technology (FinTech) domain. DeFi, a major innovation in blockchain technology, enables financial services without intermediaries through smart contracts and decentralized exchanges (DEXs). SEBCoin supports smart contract execution, providing decentralized lending, trading, insurance, and other financial services to users globally. Particularly in developing countries and unbanked regions, SEBCoin serves as a financial platform independent of traditional institutions, fostering global financial inclusion and universal access to financial services.

As the global economy accelerates its digital transformation, SEBCoin also offers secure, transparent, and efficient solutions for businesses and government agencies. Around the world, organizations are exploring

blockchain applications in supply chain management, data storage, compliance auditing, and more.

SEBCoin's unique combination of satellite communication and blockchain technology provides enhanced security, reliability, and efficiency for these

industries, especially in global data transmission and storage.



In terms of market prospects, SEBCoin leverages the advantages of satellite communication to overcome internet access limitations and expand the reach of cryptocurrency and blockchain applications, particularly in regions underserved by traditional financial services. As satellite technology advances and global satellite networks expand, SEBCoin's market potential will continue to grow, driving widespread adoption of blockchain technology and cryptocurrency worldwide.



SEBCoin's prospects lie not only in its technological innovation and alignment with market needs but also in the global demand for decentralization, privacy protection, and financial autonomy. As trust in traditional financial systems declines and acceptance of decentralized digital currencies increases, SEBCoin is poised to play a significant role in the global cryptocurrency market.

Overall, SEBCoin's market applications span cross-border payments, IoT connectivity, decentralized finance, and supply chain management, showcasing broad potential and growth opportunities. With continuous technological optimization and rising market demand, SEBCoin's role in the global blockchain ecosystem will become increasingly vital, offering more convenient, secure, and efficient cryptocurrency services and accelerating the digital transformation of global finance.



By integrating satellite communication with blockchain technology, SEBCoin transcends internet access limitations, promotes global financial inclusion, and creates extensive market opportunities. As demand continues to grow, SEBCoin is set to have a profound impact on the global stage.

Financial Inclusion & Cross-Borders

One of SEBCoin's primary objectives is to leverage satellite communication technology to address global internet connectivity challenges and provide convenient, secure blockchain services to users worldwide. With this foundation, SEBCoin focuses on promoting global financial inclusion, particularly in unbanked regions, by enabling decentralized cross-border payment systems. This empowers users globally, especially those in remote areas, to participate in the global economy.



A significant portion of the world's population still lacks access to basic financial services, particularly in developing countries and remote regions. According to the International Monetary Fund (IMF), approximately 1.7 billion people worldwide remain unbanked, unable to access banking services. This lack of access hinders their ability to save, invest, make payments, and conduct transactions, severely limiting economic activity and social development.

SEBCoin's satellite communication technology addresses these challenges. By utilizing satellite coverage, SEBCoin establishes a global blockchain network that does not rely on terrestrial internet infrastructure. Users in areas with limited or no internet access can participate in the blockchain network using satellite terminal devices for cryptocurrency payments, transactions and asset management. By removing the intermediaries present in traditional banking systems, SEBCoin lowers the barriers to financial services driving financial inclusion on a global scale.



Cross-border payments remain a significant pain point in the global financial system. Traditional cross-border payment methods



often involve multiple intermediaries, leading to lengthy processing times and high transaction fees. This burden is particularly pronounced in developing countries and emerging markets, where the costs and delays associated with cross-border payments are more acute. According to the World Bank, the average global fee for cross-border payments is 7.4%, with higher proportions for smaller payments, imposing significant costs on global trade and personal remittances.

SEBCoin provides a transformative solution for cross-border payments through satellite communication and decentralized blockchain technology. Using satellite links, SEBCoin offers low-cost, efficient, and borderless payment services. Users can execute real-time, low-fee international remittances and transactions without relying on traditional banks or payment institutions. This capability is especially beneficial for regions with limited or no banking services, ensuring that users can complete cross-border payments quickly and securely, regardless of their location.

The rapid proliferation of Internet of Things (IoT) devices globally has created a pressing need for seamless connectivity and communication between devices. SEBCoin not only addresses global payment challenges but also extends its satellite communication support to IoT devices. Traditional IoT networks rely on terrestrial infrastructure for data transmission, which is often unavailable in remote or offshore areas.



SEBCoin's satellite coverage offers a stable global connection for IoT devices, enabling seamless communication and data exchange worldwide. This technology supports IoT applications in smart homes, smart cities, agriculture, transportation, and other sectors, providing robust technical backing for their growth.

SEBCoin's ambitions extend beyond payments and communication. With ongoing advancements in technology, SEBCoin aims to integrate satellite networks and blockchain further, creating a global decentralized blockchain ecosystem. This ecosystem will encompass not only financial services but also digital identity, IoT, supply chain management, and

smart contract execution. By leveraging satellite communication' s global coverage, SEBCoin can provide efficient and secure solutions across these domains, accelerating the adoption and development of blockchain applications worldwide.

In the long term, SEBCoin seeks to become a foundational infrastructure for the decentralized digital economy, offering convenient blockchain services to users worldwide and facilitating the global transition to a digital economy. Whether in cross-border payments, IoT, financial technology, or other innovative fields, SEBCoin will continue to expand its applications, injecting fresh vitality into the global digital economy with its unique technological advantages and innovative vision.



SEBCoin' s global payment solutions not only reduce costs but also provide financial opportunities for people in remote regions. Moreover, its long-term strategic vision focuses on building infrastructure for a decentralized global digital economy through the integration of satellite and blockchain technologies, unlocking vast potential for future applications.

Token Economics

The tokenomics of SEBCoin is designed to foster the long-term sustainability of the project and ensure the healthy operation of its ecosystem. The token serves as more than just a medium for payment and transactions; it plays a vital role in incentivizing network participation, ensuring security, and supporting decentralized governance. Through a well-structured token economic model, SEBCoin aims to drive technological innovation while ensuring broad global participation and the stable development of its ecosystem.

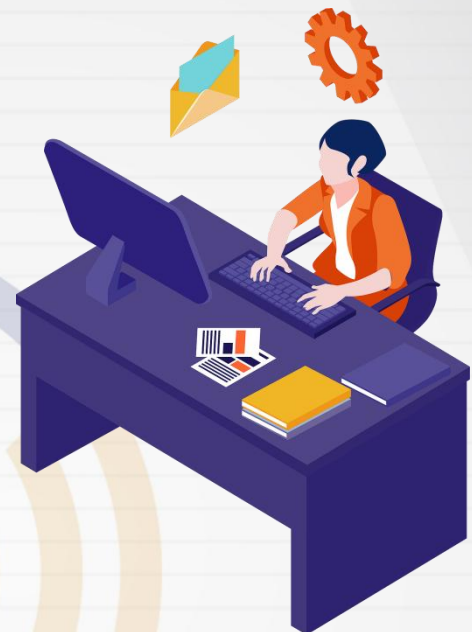


Functions and Roles of the Token

SEBCoin's token serves as a key element within the network, fulfilling the following core functions:

Medium of Payment

The token acts as the primary payment tool, facilitating cross-border payments, transactions, and asset transfers. Users can conduct low-cost, fast global transactions without relying on traditional banking systems.



Incentive Mechanism

The token plays a central role in the incentive structure, ensuring network stability and security. Operators of nodes, miners, and other participants earn token rewards for providing computational resources and network support, maintaining decentralization and efficiency.

Governance Rights

Token holders can participate in the governance of the SEBCoin network, including protocol upgrades, network adjustments, and key decisions.

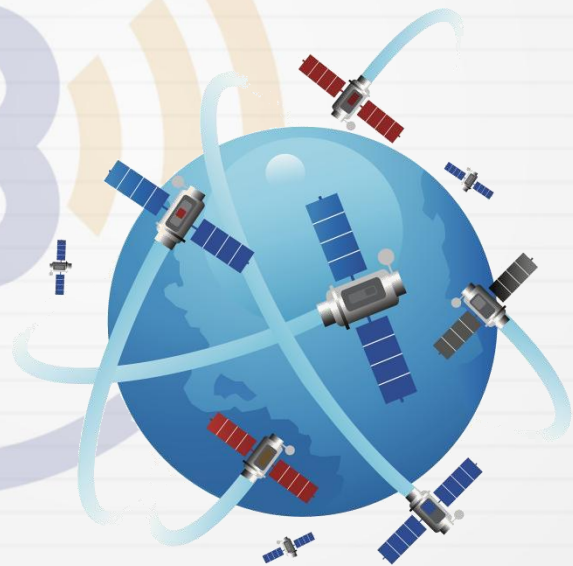
This governance capability grants users greater control and ensures transparency and fairness in network operations.

Smart Contracts and Decentralized Applications

Tokens are used to pay for executing smart contracts and participating in decentralized finance (DeFi) applications, driving the diversification of the SEBCoin ecosystem.

Token Economic Model

The tokenomics of SEBCoin focuses on supporting the project's long-term growth while maintaining network decentralization and security. By incentivizing network participants and ensuring market liquidity, the token economic design aids in the global recognition and adoption of SEBCoin.



Supporting Decentralized Network Operations

Tokens are allocated to support the construction and operation of the decentralized network. With the advancement of satellite

communication technologies, tokens will serve as rewards for network nodes, encouraging operators to provide computational resources, bandwidth, and other infrastructure support. This ensures network stability and scalability.

Supply and Distribution

The supply and distribution of tokens are carefully planned to promote healthy market growth. The project team will release tokens at appropriate times to avoid market over-dilution while ensuring token value and liquidity. Through a reasonable issuance mechanism and gradual unlocking strategy, SEBCoin ensures the sustainability of its token economy and its potential for long-term growth.



SEBCoin's tokenomics aim to strike a balance between incentivizing network participants, maintaining decentralization, and supporting technological and market growth. This approach ensures the stable and sustainable development of the SEBCoin ecosystem on a global scale.

Token Name: SEBCoin

Token Symbol: SEB

Total Supply: 500 million
(500,000,000 SEB)

Core Philosophy: Ensure scarcity in the market and maintain the long-term value of the token.

Uphold principles of transparency, fairness, and reasonability to avoid over-issuance.



Token Allocation

To support the development of the SEBCoin project, the token allocation is structured as follows:

Presale and Initial Distribution Offering (IDO): 10%

Allocated to raise development funds and provide early investors with participation opportunities.

Team and Advisors: 15%

Reserved for rewarding the contributions of team members and advisors.

A portion of these tokens will be subject to a vesting period, ensuring the team's long-term commitment to the project.

Community Incentives: 40%

Dedicated to airdrops, reward programs, and other initiatives to incentivize user participation and expand the community.

Ecosystem Development Fund: 35%

Allocated for supporting decentralized application (DApp) development, technological innovation, and building partnerships within the ecosystem.

Token Utility and Strategy

SEBCoin's token design not only supports the technical functionality of the network but also emphasizes market performance and user engagement.



Global Circulation

SEBCoin will be listed on major exchanges to ensure global liquidity and promote user participation worldwide. Strategic partnerships with key exchanges will enhance visibility and adoption.

Buyback and Burn Mechanism

The project will implement a token buyback and burn mechanism to regulate market supply, prevent inflation, and maintain the long-term value of SEB tokens.

Market Support and Incentives

The project will actively engage in market promotions to drive token adoption and liquidity. Through targeted campaigns, SEBCoin aims to sustain its value and position in the global cryptocurrency market.



Overview of Technical Framework

SEBCoin is an innovative cryptocurrency project designed to overcome global internet access limitations by integrating satellite communication technology with blockchain. It provides efficient, secure, and decentralized solutions for data transmission and transaction processing.

The core technical architecture consists of a satellite communication network, blockchain node deployment, data encryption and security

protocols, smart contract functionality, and a decentralized payment system.



SEBCoin's satellite communication network leverages the extensive coverage of low-Earth orbit (LEO)

satellites to ensure global users can

access the blockchain network via satellite signals. This eliminates reliance on traditional terrestrial networks, avoiding interference and instability. Particularly in areas with limited internet access, such as remote mountainous regions, maritime zones, or disaster-stricken areas, SEBCoin provides a stable transmission method independent of ground-based networks, ensuring the global availability and circulation of blockchain data.

The blockchain nodes of SEBCoin are deployed in satellite environments rather than traditional data centers or ground servers. This unique approach enhances the network's redundancy and resistance to interference, effectively avoiding single points of failure or attack vulnerabilities present in terrestrial systems. Satellite nodes execute critical blockchain operations such as transaction validation, random number generation, and smart contract execution, ensuring the network's security and operational efficiency.



In terms of data encryption and security, SEBCoin adopts cutting-edge encryption technologies to protect all blockchain data transmitted via satellites with end-to-end encryption. This ensures that user data and

transactions remain secure during transmission, preventing interference or interception by third parties. The project also incorporates multiple security measures, including consensus protocols and digital signatures, to enhance network stability and safety.

Smart contracts are another key technological feature of SEBCoin.

With satellite communication, smart contracts can be executed globally, even in environments without internet connectivity. This provides flexible transaction and asset management solutions while supporting applications in decentralized finance (DeFi), cross-border payments, and beyond.



The decentralized payment system of SEBCoin facilitates secure, fast, and global cryptocurrency payments and remittances via satellite communication. By eliminating the need for traditional banking systems, SEBCoin enables residents in remote regions without access to banking facilities to engage in convenient cryptocurrency transactions and fund transfers, fostering financial inclusion on a global scale.

SEBCoin's technical framework goes beyond merely combining satellite communication and blockchain technologies. Through innovative approaches, it significantly enhances the accessibility, security, and reliability of blockchain networks. Satellite communication offers a dependable global access channel, while the deployment of satellite nodes increases redundancy and resistance to interference. Advanced encryption and smart contract support further enhance transaction security, making SEBCoin a robust platform for decentralized finance, cross-border payments, and IoT applications.

By addressing global internet access challenges and improving blockchain data security, redundancy, and availability, SEBCoin provides global users with a safer and more efficient solution for cryptocurrency transactions and data transmission.



Roadmap

The SEBCoin roadmap outlines the project's key milestones, charting its journey from initial concept to global implementation. Each phase focuses on driving technological innovation, market adoption, and ecosystem growth, ensuring SEBCoin's sustainable development in the fields of blockchain and satellite communication.

1. Initial Stage: Proof of Concept and Core Technology Development (Q1-Q3 2022)

During this phase, SEBCoin's primary goal was to finalize the project's foundational concept and validate its technical feasibility. The project team focused on integrating blockchain protocols with satellite communication technology, establishing SEBCoin's technical architecture and laying a solid foundation for further development.



2. Prototype Development and Community Building (Q4 2022 - Q2 2023)

In this phase, SEBCoin launched its product prototype and initiated community-building efforts. By releasing a testnet, early users were invited to participate in network testing, providing valuable feedback to refine the product. These activities also laid the groundwork for project promotion and community engagement.

3. Mainnet Launch and Ecosystem Expansion (Q3-Q4 2023)

With technological advancements in place, SEBCoin transitioned to the mainnet stage. The goal was to deploy the SEBCoin mainnet globally, ensuring stable operations of both the blockchain and satellite networks. The project also expanded its ecosystem by establishing partnerships and increasing token circulation while exploring new application scenarios.



4. Global Expansion and Partnerships (Q1-Q3 2024)

This phase focused on global expansion, aiming to establish industry partnerships and introduce SEBCoin to broader markets. Collaborations with leading global enterprises and institutions were prioritized to drive adoption in areas such as finance and IoT.



5. Full Launch of Smart Contracts and DApps (Q4 2024 - Q1 2025)

SEBCoin introduced a robust smart contract platform, facilitating the growth of decentralized finance (DeFi) and decentralized applications (DApps). Developers were encouraged to build diverse DApps on the SEBCoin network, further expanding token utility and application scenarios.

6. Ecosystem and Decentralized Network Optimization (Q2-Q4 2025)

As technology and market presence matured, SEBCoin concentrated on building a decentralized ecosystem globally. Efforts were directed at enhancing network infrastructure to ensure stable satellite-based access for users worldwide, fostering deeper integration of digital economies and blockchain applications.

7. Future Growth and Long-Term Vision (2026 and Beyond)

SEBCoin's long-term vision is to become a global leader in blockchain and satellite communication technology, driving transformations in the digital economy and global payment systems. Over the coming years, the project will expand its user base, integrate innovative technologies, and establish itself as a core infrastructure for DeFi, IoT, and cross-border payments.

The SEBCoin roadmap demonstrates a clear progression from technical development to market adoption. Each phase aligns with the project's vision, promoting participation from users, developers, and businesses worldwide. As SEBCoin advances, it will continuously optimize its technology, broaden application scenarios, and solidify its position as a vital infrastructure for decentralized payments and data transmission on a global scale.

Investment Background

SEB Coin has received strong backing from top-tier investment institutions, which provide not only financial support but also valuable resources and insights in technology, market expansion, and strategic decision-making. Two of the key investors in SEB Coin play a significant role in ensuring the project's success:

1. SAIF Partners

SAIF Partners is one of China's leading venture capital firms, specializing in early and growth-stage investments, particularly in technology, consumer goods, fintech, and emerging technologies. As a strategic partner of SEB Coin, SAIF Partners contributes not only financial resources but also extensive industry expertise and networks. These resources enable SEB Coin to expand its global presence, drive technological innovation, and optimize its business model.

SAIF Partners' investment philosophy emphasizes creating long-term value in industries, helping promising companies excel in global competition. As an investor in SEB Coin, SAIF Partners' involvement supports the project across all aspects, from R&D to market promotion, and plays a vital role in building the SEB Coin ecosystem.

2. Sequoia Capital



Sequoia Capital is a world-renowned venture capital firm with over 40 years of history, investing in a wide range of industries, including technology, healthcare, consumer goods, and finance. Sequoia Capital focuses on commercializing innovative technologies and driving global expansion. With extensive experience and investments in the blockchain sector worldwide, Sequoia Capital provides strategic support for SEB Coin's global growth.

As an investor, Sequoia Capital leverages its powerful global network, industry insights, and brand influence to assist SEB Coin in positioning and strategizing within the international market. Their involvement not only enhances market trust but also offers critical capital support and operational expertise, propelling SEB Coin toward its long-term development goals.

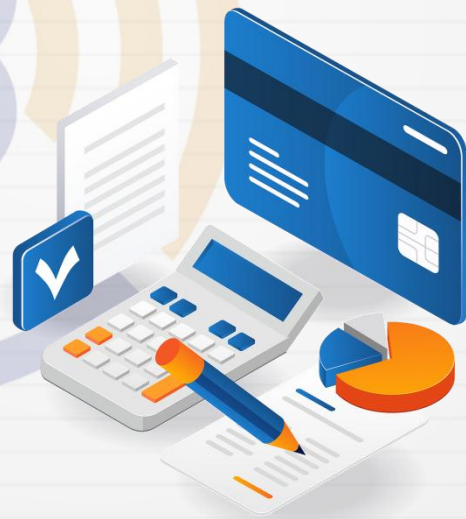
With the strong backing of institutions like SAIF Partners and Sequoia Capital, SEB Coin is well-equipped to achieve its goals. These partnerships provide essential financial and resource support, alongside critical guidance in technology innovation, market development, and strategic planning. blockchain and satellite communication technologies, paving the way for a new era in the digital economy.

Risk Management

SEB Coin recognizes the potential risks associated with global expansion and technological implementation. To ensure steady progress and address possible challenges, the project team has designed a comprehensive risk management framework aimed at minimizing uncertainties and ensuring resilience across all aspects of the project.

SEB Coin mitigates technological risks through rigorous internal testing, external audits, and multiple rounds of iterative development to ensure reliability and stability.

The project adopts a phased deployment strategy, starting with small-scale trials before gradually expanding to global coverage, ensuring the feasibility and stability of its technological solutions.



To address regulatory risks, SEB Coin has established a global compliance team to actively engage with regulatory authorities in different jurisdictions, ensuring all operations align with local legal requirements.

The project closely monitors regulatory developments worldwide and adapts its business strategies flexibly to meet evolving legal landscapes.

To mitigate market risks, SEB Coin promotes diversified application scenarios to avoid over-reliance on a single market or user base. By expanding into decentralized finance (DeFi), the Internet of Things (IoT), and cross-border payments, the project enhances its market resilience and long-term competitiveness.



SEB Coin reduces operational risks through efficient team management mechanisms, ensuring that key personnel possess sufficient expertise and experience. The project conducts regular training and skill development for its team while implementing strict project management processes to maintain operational efficiency. Additionally, SEB Coin strengthens communication and collaboration with partners to ensure stable and smooth cooperation.

To address security risks, SEB Coin employs state-of-the-art encryption technologies and multi-layered security measures to safeguard system stability and user assets. The project conducts regular third-party security audits to identify and resolve potential vulnerabilities. Moreover, it has established a comprehensive emergency response mechanism to handle security incidents promptly and minimize potential losses.

By thoroughly analyzing potential risks across technological, regulatory, market, operational, and security dimensions, SEB Coin has developed an integrated risk management strategy to ensure steady progress globally. The project team will continuously optimize its risk management framework to adapt to changing challenges, securing sustainable and long-term development.

