



PORTUSCOIN

Unleashing the Future of Cryptocurrency

www.portuscoin.org

Synopsis. The revolution sparked by Bitcoin in 2009 marked the beginning of a new financial era, during which the cryptocurrency market has evolved at an overwhelming pace, creating new challenges that require more specific and robust solutions.

PortusCoin is a next-generation cryptocurrency that builds on the solid foundations of Bitcoin and Litecoin protocols, while introducing strategic innovations in key areas such as scalability, security, energy efficiency, accessibility, and financial inclusion. By enhancing the existing infrastructure, **PortusCoin** provides faster confirmation times, lower transaction fees, and increased resistance to security threats, ensuring a smoother and more reliable user experience while promoting the mass adoption of cryptocurrencies by both individuals and organizations.

PortusCoin enables direct peer-to-peer (P2P¹) payment transfers, eliminating the need for intermediaries such as financial institutions. **PortusCoin** has a total supply of 22 billion tokens, with 6 billion pre-mined and reserved for covering future development costs, infrastructure maintenance, and rewarding individual contributions to those who promote **PortusCoin**. The remaining 16 billion tokens are available for public mining, fostering decentralization and network security.

PortusCoin is also committed to continuously updating its code, ensuring interoperability with modern systems, and facilitating integration with both centralized and decentralized entities, as outlined in the corresponding section of this whitepaper.

PortusCoin represents a transformative and groundbreaking evolution in the cryptocurrency world, seamlessly combining security, efficiency, and robustness.



I. INTRODUCTION

PortusCoin was developed to be an inclusive and accessible cryptocurrency, designed to introduce people of all ages and backgrounds to the world of digital payments and blockchain technology. More than just a currency, **PortusCoin** bridges the gap between the traditional financial system and the digital future, offering an authentic and reliable alternative for electronic payments.

With a strong focus on accessibility and simplicity, **PortusCoin** removes technological barriers that often make it difficult for beginners to use cryptocurrencies. Its intuitive interface and advanced features ensure that anyone, regardless of their level of technical knowledge, can use it safely and efficiently.

Furthermore, **PortusCoin** actively promotes financial inclusion, enabling communities traditionally excluded from the conventional banking system to participate in a global decentralized economy. By offering low transaction fees, fast confirmation times, and seamless integration with modern systems, **PortusCoin** positions itself as the ideal choice for both everyday transactions and business operations.

With a clear vision to democratize access to cryptocurrencies, **PortusCoin** is not just an alternative to electronic payments; it is a powerful tool for individual empowerment and a transformative force in how people interact with money and digital technology.

II. CURRENT MARKET CHALLENGES

Cryptocurrencies are widely recognized and discussed on a global scale, yet they still face significant barriers that limit their widespread adoption. Despite their revolutionary potential, many individuals and organizations remain uncertain about fundamental aspects related to these assets, such as:

- What exactly are cryptocurrencies?
- How do they work?
- What are they used for?
- Who can use them?
- How can they be used in practice?
- How can they be monetized?
- How can they be mined?

The lack of transparency serves as a major obstacle for those who wish to explore or invest in the world of cryptocurrencies, often leaving them unsure about where to begin. Additionally, the market faces structural and technical challenges that hinder its growth and mainstream adoption.



The main challenges that current cryptocurrencies face are as follows:

- **Market Variety and Differences**

The cryptocurrency market is vast, with over 10,000 digital currencies listed on platforms such as CoinMarketCap (*CoinMarketCap, 2025*). Each cryptocurrency has its own unique characteristics, purpose, and underlying mechanisms. Some, like Bitcoin, are designed to be deflationary, meaning they have a fixed or limited supply (*Nakamoto, S., 2008, Bitcoin: A Peer-to-Peer Electronic Cash System*). Others, such as Ethereum, follow a continuous inflationary model, allowing the indefinite creation of new tokens (*Ethereum.org*). While this diversity fosters innovation, it also creates confusion for the public and investors, who often struggle to identify which cryptocurrency best suits their needs and objectives.

- **Lack of Literacy and Understanding**

Despite their popularity, many still do not understand how cryptocurrencies work or how to use them in everyday life. A study conducted by Chainalysis in 2022 revealed that only 3.9% of the global population owns or uses cryptocurrencies (*Chainalysis, 2022*). Terms such as blockchain, mining, and wallets are often unfamiliar or even misunderstood, especially by people with less familiarity with technology. This knowledge gap prevents new users from exploring the market safely and efficiently.

- **Technological Constraints**

Cryptocurrency mining, one of the fundamental processes for their creation and distribution, requires expensive hardware, high energy consumption, and advanced technical knowledge. According to a report by the Cambridge Centre for Alternative Finance, Bitcoin mining consumes approximately 121.36 TWh annually, equivalent to the energy consumption of Argentina (*Cambridge Bitcoin Electricity Consumption Index, 2023*). This high entry barrier excludes a significant portion of the population, making mining accessible only to individuals or organizations with substantial resources and specialized expertise.

- **Complexity of Use**

The process of acquiring, storing, and using cryptocurrencies can seem complex and intimidating. From choosing a trusted Exchange to creating a secure digital wallet, users face a path filled with technical steps and potential risks, such as fund losses due to lack of understanding or operational errors. A Statista survey in 2022 revealed that 32% of people interested in cryptocurrencies do not invest due to the perceived complexity of use (*Statista, 2022*).



Fragmentation and Incompatibility

Although the cryptocurrency market is vast, many cryptocurrencies operate on isolated networks, lacking interoperability between them. This fragmentation hinders the exchange and integration of different systems, limiting the potential of cryptocurrencies as a truly global and universal financial solution (*World Economic Forum, 2021, Interoperability in Blockchain Systems*).

- **Scalability**

The most well-known cryptocurrency networks face significant scalability limitations. The Bitcoin network, for example, operates at an average of 7 TPS², while traditional payment networks like Visa can process over 24,000 TPS² (*Nakamoto, S., 2008; Visa Annual Report, 2023*). This limitation makes cryptocurrencies unsuitable for high-demand markets, particularly during periods of intensive use.

- **High Transaction Fees**

The increasing adoption of certain cryptocurrencies has led to a significant rise in transaction fees. In 2021, during periods of high network congestion, Bitcoin transaction fees reached an average of \$62 per transaction (*BitInfoCharts, 2021*). This prohibitive cost makes Bitcoin impractical for small transactions, such as everyday purchases.

- **Environmental Impact**

Mining based on the PoW³ consensus mechanism consumes a significant amount of energy. According to a report by the International Energy Agency (*IEA, 2023*), Bitcoin mining accounts for approximately 0.5% of global electricity consumption. This high energy consumption contributes to carbon emissions, raising serious environmental concerns about the sustainability of cryptocurrency mining.

- **Progressive Centralization**

Although cryptocurrencies are designed to promote decentralization, the reality is that large mining pools control a disproportionate share of computational power (hash rate) in many networks (*Cambridge Centre for Alternative Finance, 2023*). This concentration of power contradicts the fundamental principle of decentralization and increases the risk of manipulation or coordinated actions by a few dominant entities.



- **Usability Limitations**

Technical complexity remains one of the biggest barriers to the mass adoption of cryptocurrencies. For users unfamiliar with technology, the steps involved in setting up wallets, transferring funds, and using exchange platforms can seem overly complicated and intimidating. According to a Finder study, about 26% of respondents cited lack of technical knowledge as the main reason for not investing in cryptocurrencies (*Finder Cryptocurrency Adoption Report, 2022*).

- **Economic Challenges**

Beyond technical issues, there are also economic challenges associated with cryptocurrencies. Some are designed to be inflationary, like Ethereum, which can reduce the value per unit over time. Others, such as Bitcoin, are deflationary, limiting the available supply and making it harder for the currency to circulate as a medium of exchange (*Ethereum.org; Nakamoto, S., 2008*).

- **Lack of Regulation and Security**

The absence of clear regulatory frameworks in many countries creates uncertainties and increases the risks associated with the cryptocurrency market. Fraud, security breaches, and losses due to extreme volatility make the environment riskier, especially for beginners. According to a report by the Blockchain Transparency Institute, about 30% of cryptocurrency exchanges report fake trading volumes, increasing risks for investors (*Blockchain Transparency Institute, 2022*).

PortusCoin addresses each of these challenges as an opportunity to create a truly unique, accessible, and efficient cryptocurrency.

III. OUR SOLUTION

PortusCoin emerges as a direct and pragmatic response to the challenges of the current market. Designed to address limitations in scalability, accessibility, sustainability, and security, **PortusCoin** combines the best of existing technologies with specific innovations, making it a more efficient, inclusive, and sustainable digital currency.

TECHINICAL FEATURES AND SOLUTIONS

- **Technological Foundation**

PortusCoin is a direct fork of Litecoin, utilizing its core technological foundations, such as the **Scrypt** algorithm and a focus on fast, accessible transactions. In comparison to Bitcoin, which uses the SHA-256 algorithm, **Scrypt** is more efficient in terms of



decentralization, allowing miners with less specialized hardware to participate in the network validation process.

Additionally, **Script** consumes less energy, making **PortusCoin** a more sustainable and accessible option for individual miners. This design helps reduce mining centralization, ensuring a more balanced and inclusive network.

- **Total Token Supply**

PortusCoin has a total supply of **22 billion tokens**, significantly higher than Litecoin's 84 million and Bitcoin's 21 million. This larger supply allows for greater circulation, supporting a higher number of microtransactions. It also ensures that the currency is accessible to all users, from small investors to large organizations.

Unlike Bitcoin, which faces supply limitations and programmed scarcity, **PortusCoin** balances accessibility and value appreciation with an adjusted supply to meet the needs of a growing global market.

- **Accelerated Halving**

PortusCoin features a shorter halving⁴ cycle than Litecoin, increasing scarcity at a faster and more predictable rate. While Litecoin halves every 840,000 blocks, **PortusCoin** reduces this interval to 210,000 blocks, accelerating its value appreciation and encouraging adoption by investors and miners.

With a shorter halving cycle, **PortusCoin** promotes a faster appreciation compared to other cryptocurrencies, making it a more dynamic and attractive option in the market.

- **Initial Genesis Block Difficulty**

The initial difficulty of **PortusCoin's** genesis block was adjusted to be lower than Litecoin's, making it easier for early miners to start and ensure the network's initial security. This adjustment allows small-scale miners to actively participate in the early validation of blocks, fostering more robust and equitable decentralization from the very beginning.

- **Scalability and Performance**

Well-known cryptocurrency networks, such as Bitcoin, face significant scalability limitations, processing only about 7 TPS². **PortusCoin** solves this problem by integrating technologies like **SegWit**⁵ and **Lightning Network**, which increase transaction capacity without overloading the primary blockchain.

With a scalable infrastructure, **PortusCoin** supports thousands of transactions per second, making it ideal for high-demand markets. Its fast transaction speed and low



costs position as a practical solution for both daily transactions and business operations.

- **Reduced Transaction Fees**

While networks such as Ethereum and Bitcoin experience high transaction fees, especially during congestion periods, **PortusCoin** maintains minimal operational costs. These low fees make it accessible for both small payments and large corporate transactions.

- **Sustainability and Environmental Impact**

PortusCoin adopts the **Script** algorithm, which is less energy-intensive than Bitcoin's **PoW**³. This model significantly reduces energy consumption and carbon emissions associated with cryptocurrency mining. Furthermore, it encourages the use of renewable energy sources by miners, promoting more sustainable mining practices.

- **Usability and Inclusion**

PortusCoin is a cryptocurrency designed for users of all ages and technical backgrounds. With intuitive interfaces, such as user-friendly digital wallets and integrated tutorials, **PortusCoin** ensures that even novice users can perform transactions easily, securely, and confidently.

- **Regulation and Security**

PortusCoin incorporates advanced compliance measures, such as **KYC**⁶ and **AML**⁷ protocols, ensuring secure and transparent transactions. Additionally, the network employs cutting-edge encryption techniques to protect against cyberattacks and financial losses.

DIFFERENCES BETWEEN PORTUSCOIN, LITECOIN, AND BITCOIN

Feature	PortusCoin	Litecoin	Bitecoin
Algorithm	Script	Script	SHA-256
Total supply	22 billion	84 million	21 million
Halving	210.000 blocks	840.000 blocks	210.000 blocks
Initial difficulty	Moderate	Moderate	High
Sustainability focus	Yes	Partial	No



IV. TECHNOLOGY

PortusCoin is built on a modern and highly efficient infrastructure, leveraging the **Script** algorithm, blockchain architecture, advanced security features, decentralization, and network scalability.

SCRIPT ALGORITHM

PortusCoin uses the **Script** hashing algorithm as the foundation of its consensus mechanism, instead of the **SHA-256** used in Bitcoin.

Script is a **PoW³** algorithm, introduced by Litecoin with the aim of improving the accessibility and decentralization of mining. As such, it relies less on specialized hardware (ASICs) and allows more people to participate in network validation.

HOW SCRIPT WORKS

Script operates in four main stages:

- **Pseudo-Random Key Derivation**
Uses **PBKDF2** function to generate an initial key from input data and a salt value.
- **Memory Matrix Creation**
Generates a matrix $\phi_{m \times n}$ where m is the cost factor and n is the memory block size. Each entry depends on previous values, requiring the matrix to be stored in memory rather than recomputed.
- **Memory Mixing**
Multiple read and write operations apply HMAC-SHA256 or HMAC-SHA512 cryptographic functions, increasing memory intensity.
- **Final Key Extraction**
The matrix is reduced to a final hash using **PBKDF2**, producing the **PoW³** required to validate a block.

FEATURES OF THE SCRIPT ALGORITHM

- **Memory Usage and ASIC Resistance**
Script requires high RAM usage during mining. This prevents the development of specialized ASICs, promoting a more decentralized and fairer network.



- **Mining Speed**

The time between blocks in **PortusCoin** is 2 minutes (10 minutes in Bitcoin), resulting in faster confirmations and greater functional efficiency.

BLOCKCHAIN ARCHITECTURE

PortusCoin's blockchain structure is decentralized, continuous, and immutable, consisting of interconnected blocks that securely record all network transactions. This ensures transparency, integrity, and resistance to unauthorized alterations.

BLOCK COMPOSITION

- **Header**

Contains metadata, such as the previous block hash, timestamp, and nonce⁸.

- **Transactions**

Lists all verified transactions within the block creation period.

- **Merkle Root**

Stores a hash summary of all transactions in the block, allowing quick data verification.

BLOCK FEATURES

- **Security**

Transactions are protected by advanced encryption, recorded in blocks that cannot be altered retroactively

- **Decentralization**

The blockchain is maintained by a global network of nodes, eliminating the need for a central authority to validate transactions.

- **Scalability**

With **SegWit**⁵ and **Lightning Network**, **PortusCoin** processes a high number of transactions per second, reducing congestion and increasing efficiency.

CONSENSUS AND MINING

The consensus mechanism is the core security foundation of the **PortusCoin** network, ensuring the validity of transactions and the integrity of the blockchain.

PortusCoin uses an optimized **PoW**³ model, making it more efficient, accessible, and secure compared to older mining mechanisms.



PortusCoin addresses the limitations found in other **PoW³** models, ensuring a more reliable and inclusive experience.

CONSENSUS MECHANISM

- **Efficient Hashing Algorithm**

PortusCoin uses an optimized version of the **Script** algorithm, which improves energy efficiency by reducing the costs associated with mining. This redesign makes mining more accessible to users with limited resources, allowing them to participate in the network without the need for expensive ASIC devices.

By promoting more inclusive mining, the use of **Script** ensures fast confirmations, with block generation every 2 minutes, reinforcing the decentralization of the network and preventing the monopoly of mining pools based on computational power, as seen in networks based on the SHA-256 algorithm.

- **Dynamic Difficulty Adjustment**

The mining difficulty in **PortusCoin** is dynamically adjusted every block, ensuring stability and consistency in its creation, guaranteeing that:

- I. **Block creation every 2 minutes - PowTargetSpacing**

The creation of blocks remains regular and consistent, avoiding periods of congestion or inactivity.

- II. **Efficient adaptation to computational power changes**

The algorithm responds effectively to fluctuations in the network's hash rate, whether due to an increase or decrease in activity.

Regarding **PowTargetTimespan**, the total time for difficulty readjustment is 3.5 days, a period calculated to balance stability and flexibility in network performance.

- **Incentives for Miners**

PortusCoin encourages continuous participation from miners through:

- I. **Initial Block Reward**

The initial reward for each mined block is **50.000 PortusCoins**. This reward ensures an efficient network launch.



II. Halving

The reward decreases progressively over time through the halving mechanism. This process occurs at every predetermined block cycle, reducing the allocation of new coins and increasing the scarcity of the assets.

III. Sustainability and Bonuses

The reward structure includes periodic bonuses and loyalty programs for more active users, encouraging their continuous involvement in the network.

- **Resistance to 51% Attacks**

A 51% attack occurs when an entity or group controls more than half of the network's processing power, allowing them to reverse transactions or create fraudulent blocks.

To mitigate this risk, PortusCoin has implemented the following:

- I. **Enhancements to the Hashing algorithm**
- II. **Diversification of mining pools**

DNS SEEDERS AND NETWORK CONNECTIVITY

THE ROLE OF DNS SEEDERS

DNS Seeders play a crucial role in the network infrastructure, providing lists of active nodes. This functionality allows new participants to connect quickly to the network without requiring complex manual configurations.

Additionally, they ensure network continuity and resilience, even in cases of partial failures, facilitating initial connectivity and the discovery of new nodes.

IMPLEMENTATION IN PORTUSCOIN

- **Configured seeders**

seed01.portuscoin.com

seed n .portuscoin.com

seed $n+1$.portuscoin.com

.....

- **Main functions**

- I. Facilitate the discovery and connection to active nodes in the network.
- II. Strengthen network resilience, ensuring stable and continuous connectivity for all users.



ADVANCED FEATURES

PortusCoin's advanced features became active from specific blocks:

- **SegWit⁵** - block 4.250
- **Lightning Network** - block 4.250
- **Taproot** - block 14.112
- **MWEB⁹** - block 24.192

OPTIMIZATIONS FOR EVERYDAY PAYMENTS

- **Fast Confirmations**
Ensuring greater transaction fluidity by generating blocks every 2 minutes, allowing for fast confirmations, making it ideal for everyday transactions.
- **Reduced Fees**
Reduced transaction costs, presenting itself as an economical and efficient solution, ideal for regular payments.
- **Integration with Payment Applications**
Full compatibility with POS¹⁰ and digital platforms. Immediate adaptation to modern payment systems, enabling their adoption in both commercial and technological environments.

MAINNET

Use of optimized parameters as a guarantee of stability and performance:

- **Default Port**
`11333` - Communication between network nodes.
- **RPC Default Port**
`11332` - Allows external applications to interact remotely with the **PortusCoin** daemon¹¹ for wallet management, blockchain queries, and mining operations.
- **Initial Message**
`0xfa, 0xbf, 0xb5, 0xda` - Unique identifier to prevent external data interference.
- **Genesis Block Hash**
`0x6a9c71b5fbc577eb4765ccec9b9f11bf0e0e88040d4dfcdc4d027f964b24a6a7.`

These parameters ensure that the network is properly recognized and communicated among globally distributed nodes.



ACTIVE FEATURES

- **Pay-to-Script-Hash**
P2SH ensures support for advanced transactions.
- **BIPs 34, 65 and 66**
Significant security improvement, including timelocks and signature validation.
- **SegWit⁵ and Lightning Network**
Maximization of network scalability potential.
- **MWEB⁹ and Schnorr Signatures**
Enhanced privacy and optimized performance for secure and efficient transactions.

V. TOKENOMICS

The **Tokenomics** has been carefully designed to create a balanced and sustainable ecosystem, promoting long-term asset appreciation and encouraging community participation.

TOTAL SUPPLY

PortusCoin provides a total of **22 billion tokens**, ensuring scarcity and supporting the asset's appreciation over time. This limited supply follows a deflationary model, restricting the issuance of new tokens over the years, establishing itself as a solid-based asset with progressive value appreciation.

INITIAL DISTRIBUTION

The initial token distribution was structured to ensure a balance between network objectives, community participation, and the funding of development operations:

- **6 billion tokens (≈27%)**
Allocated to the development wallet to support network development costs, technical improvements, security, and expansion.
- **16 billions tokens (≈73%)**
Available for public mining, promoting decentralization and enabling global and unrestricted participation.



REWARDS AND INCENTIVES

To stimulate network growth and ensure its security, a comprehensive rewards and incentives system has been implemented, benefiting both miners and community members.

- **Miners**
Miners play a fundamental role in maintaining the network by validating transactions and adding new blocks to the chain. For each validated block, they are rewarded with tokens, encouraging continuous participation.
- **Auditing and Security**
Community members who identify vulnerabilities or contribute to blockchain audits are rewarded with tokens.
- **Community Contributions**
Contributions in technical development, security, or marketing are rewarded with tokens, reinforcing community collaboration.
- **Application Development**
The creation of applications or integrations based on **PortusCoin** is rewarded with token incentives.
- **Liquidity**
Liquidity is ensured through specific reward programs.
- **Innovation**
Ensured by the development wallet fund, guaranteeing continuous innovation and technological integration.
- **Staking**
Specific staking programs, promoting token retention and reducing volatility.

EDUCATION AND ADOPTION PROGRAMS

Promotion of financial and technological literacy through specific programs, empowering current and potential users, creating a solid understanding of the opportunities, risks, and practical applications of this ecosystem, based on the development of educational content, workshops, and webinars.

- **Network Operation**
Operational principles, mining, staking, and transactions.



- **Usage**
Functional demonstrations of practical use cases.
- **Security and Best Practices**
Protection, risk management, and loss prevention.

TRAINING ON CRYPTO ASSETS

Specific programs aimed at educating the public about the broader crypto asset sector. This is an essential approach to reducing entry barriers and promoting trust in this ecosystem.

- **Introduction to Cryptocurrencies**
How they work and what differentiates them from fiat currencies.
- **Blockchain and Decentralization**
Explanation of the underlying technology with a focus on transparency, security, and innovation.
- **Benefits and Risks**
Identification of opportunities and awareness of risks.
- **Regulation and Ethics**
Information on legal obligations and ethical standards to consider when using or investing in crypto assets.

VI. PORTUSCOIN ROADMAP

Aims to identify essential improvements in existing functionalities and introduce new capabilities that offer competitive advantages, positioning **PortusCoin** as an advanced and efficient crypto asset.

IMPROVEMENTS AND ENHANCED FEATURES

SIMPLE SMART CONTRACTS – TAPROOT AND MAST¹²

Planned Improvements

- **User-Friendly Interfaces**
 - I. Development of graphical tools for the creation and execution of smart contracts (multisig, timelocks, boll).
- **Application**
 - I. Expansion of smart contract use cases, including:
 - Automatic subscription payments.



- Conditional guarantees (escrow).
- Shared account or expense management.

LIGHTNING NETWORK TRANSACTIONS

Planned Improvements

- **Wallet Integration**
 - I. Native LN¹³ support in **Portuscoin's** official applications.
- **Promotion of Microtransactions**
 - I. Encouragement of small-value transactions.
 - II. Development of LN¹³ integration APIs¹⁴ for payment terminal and e-cp¹⁵.

ADVANCED PRIVACY – MWEB⁹ BLOCKS

Planned Improvements

- **Training and Adoption**
 - I. Creation of simple user guides for conducting private transactions.
- **Integration**
 - I. Incorporate MWEB⁹ support into **PortusCoin** wallets.

SCALABILITY AND FEES

Planned Improvements

- **Review of the Fee Model**
 - I. Optimization of fee calculation.
- **Expansion of Capacity**
 - I. Explore improvements to the consensus model and solutions like sharding.

INTEGRATION WITH PAYMENT SYSTEMS

Planned Solution

- POS¹⁰
- Integration APIs¹⁴ for e-commerce
- Automatic conversion systems
- Account sharing
- Offline payments



VII. GOVERNANCE AND TRANSPARENCY

Ensure that all strategic decisions reflect the community's interests, promoting transparency, active participation, and trust among users. This model allows the community to play a central role in the growth and evolution of the ecosystem, ensuring a fair, inclusive, and collaborative project.

DECENTRALIZED GOVERNANCE MODEL

PortusCoin adopts a decentralized governance model, where important decisions can be submitted to a community vote, turning token holders into decision-makers for the project.

TRANSPARENCY IN OPERATIONS

Transparency is one of the fundamental pillars of **PortusCoin**. To ensure community trust, the project is committed to:

- Publish regular reports on development progress, security audits, and strategic updates.
- Keep the community informed about the use of development funds and the outcomes of implemented initiatives.
- Make the source code of the blockchain and associated applications available as open source, allowing anyone to review and contribute to the project.

This commitment to transparency strengthens community trust and promotes responsible and ethical management of resources.

DECISION-MAKING COMMITTEES

To ensure efficient and specialized management, **PortusCoin** has established decision-making committees dedicated to key areas, such as:

- **Technical Development**
Composed of specialists focused on technological evolution.
- **Marketing and Communication**
Responsible for promoting the asset and driving its adoption.
- **Security and Auditing**
Dedicated to ensuring the network's integrity and preventing threats.

These committees are formed by members of the development team and representatives from the community.



OPEN COMMUNICATION

It is a key factor in strengthening the relationship between the development team and the community, maintaining various communication channels, including:

- Online forums
- Social media
- Webinars and online events

TRANSPARENCY REPORTS

The publication of transparency reports is established as a regular practice, detailing:

- The progress of marketing, education, and network expansion initiatives.
- The results of security audits and the improvements implemented.

OPEN SOURCE

The source code of **PortusCoin** and associated applications is open source with an MIT license (<https://opensource.org/license/MIT>), ensuring:

- Public access
- Reuse and modification
- Freedom of distribution

The MIT license reinforces **PortusCoin's** commitment to transparency, decentralization, and global collaboration, encouraging active participation from developers and innovators worldwide.

PortusCoin

invites you to join

the new wave of decentralization.



¹ Peer-to-Peer

² Transactions Per Second

³ Proof-of-Work

⁴ It is an event in which the reward for mining blocks is halved, limiting inflation and increasing the scarcity of the currency over time.

⁵ Segregated Witness

⁶ Know Your Customer

⁷ Anti-Money Laundering

⁸ It is a value used in the mining process to ensure the validity of the block and find a hash that satisfies the conditions of the protocol

⁹ MimbleWimble Extension Blocks

¹⁰ Point-Of-Sale

¹¹ It is a background process that manages essential network tasks, such as transaction validation and block synchronization, without direct user interaction

¹² Merkelized Abstract Syntax Trees

¹³ Lightning Network

¹⁴ Application Programming Interface

¹⁵ e-commerce platform