

COLUMBUS

Blockchain Based Service Platform

PLATFORM

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Index

ABSTRACT	3
COLUMBUS BM DESIGN	4
SERVICE	5
TECH	10
POLICY	16

ABSTRACT

In recent decades, we have come to recognize the pressing reality of the significant threat posed to our marine ecosystem by industrial development and climate change. In response to this critical situation, S&P is committed to safeguarding the marine environment through sustainable salt production practices.

Employing cutting-edge smart salt farm technology, S&P has developed a highly efficient system capable of producing salt with elevated concentrations of minerals.

The global saltworks market is expanding rapidly, spurred by a growing emphasis on environmental protection and sustainability. Concurrently, there is a rising demand for innovative solutions such as smart saltworks. Recognizing these trends, S&P is poised to seize new opportunities for growth within the salt farm market. Our dedication lies in enhancing global competitiveness and fostering a sustainable future..

At the helm of this endeavor is the COLUMBUS project, spearheaded by S&P, which aims to penetrate the global salt market and pioneer new industries and services, including theme park development, metaverse construction, and NFT services, leveraging blockchain technology. Through this initiative, users will gain access to a myriad of services and resources by acquiring COLUMBUS COIN. In doing so, S&P is committed to delivering innovative solutions for environmental improvement and shaping new business models.

COLUMBUS employs a blockchain-based user identification system utilizing Proof-of-Work (PoW). This offers functionality akin to established cryptocurrencies like Bitcoin, as it rewards the conversion of traditional fiat currencies into cryptocurrencies. However, it distinguishes itself with a user-friendly interface like PayPal. Although COLUMBUS can connect various digital assets, most business entities still prefer tangible assets like cash. In the modern world, the use of cash continues to decline, and the tradition to digital currencies is taking place.

We believe that introducing digital currently system into the salt market and contributing to the industry's development are profitable. COLUMBUS believes introducing blockchain-based digital payment will better increase investment, develop industry, and enhance the value of the salt market, compared to the traditional financial entities. Additionally, users will benefit from reduced costs when accessing related services.

COLUMBUS BM STRUCTURE

COST	
BINANCE SMART CHAIN(PUBLIC BLOCKCHAIN) WALLET EXPLORER COLUMBUS DAPP DEVELOP	
Value Proposition	
Salt Industry Economy Earn Building our own ecosystem and enhancing distribution through online (metaverse, NFT mall) and offline (theme park) salt-industry-related content consumption and production	
Key Activities	Core Resources
Salt industry revitalization (enhancing distribution, payment, and investment system) Expanding smart salt farm business Developing online/offline services	Smart saltworks business technology
Customer Relations	Channel
Through various content such as theme park, NFT platform, metaverse, and others	Online: NFT platform, metaverse (Web, iOS, Android) Offline: Theme park
New platform development and environment creation	
Establishing an environment for using and operating theme park service Smart salt farm development project and infrastructure development Charging digital brokerage fees for NFTs Establishing a distribution system using the metaverse	

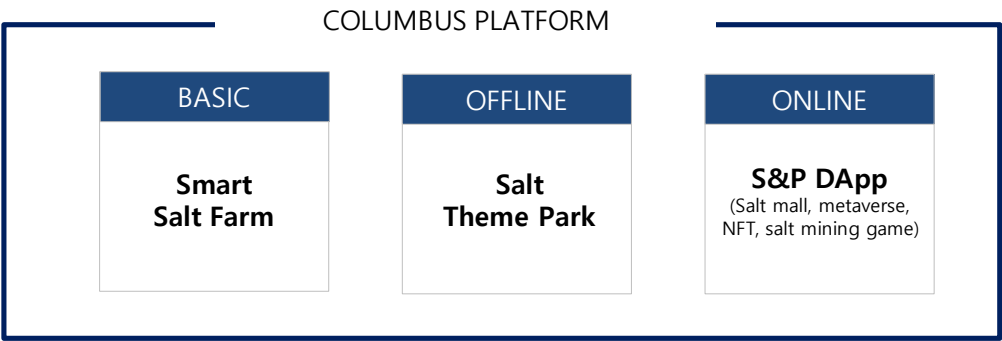
SERVICE



Service

COLUMBUS MULTI PLATFORM

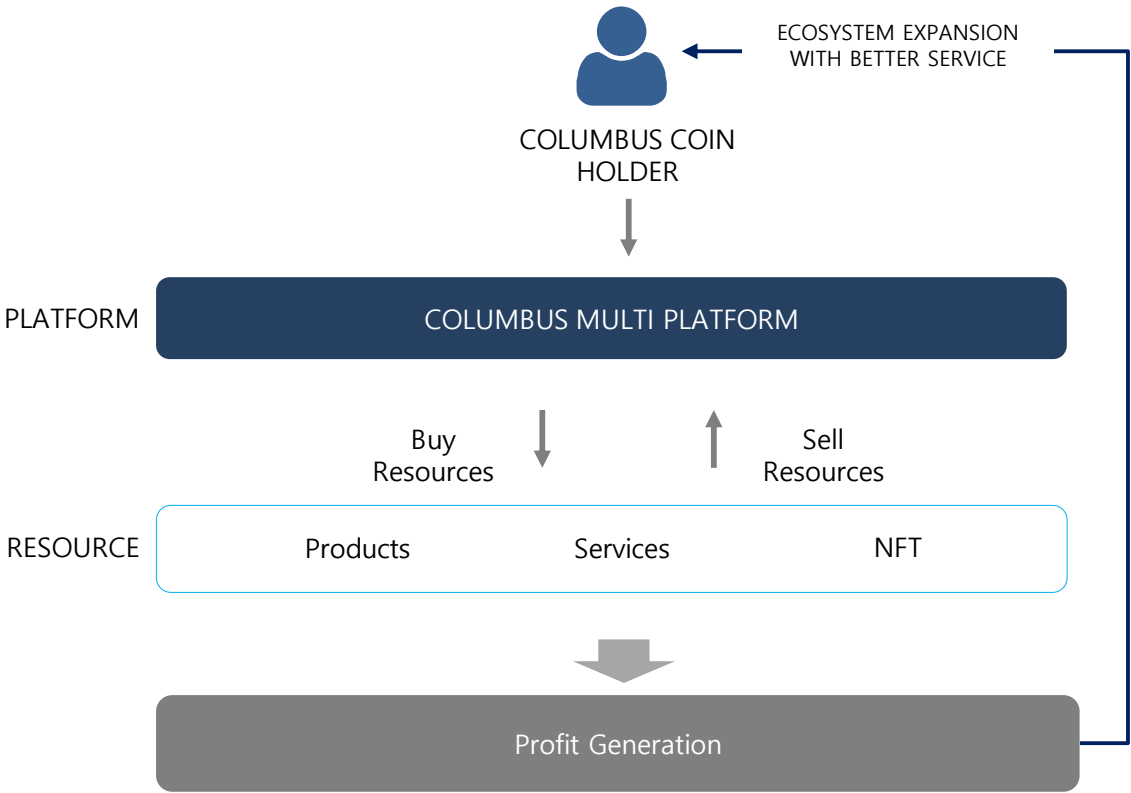
The COLUMBUS platform serves as a a channel for creating diverse value based on the salt industry, and COLUMBUS users can participate in meaningful activities within this ecosystem. The COLUMBUS operating model, which consists of innovative participation and service usage forms that are differentiated from existing traditional salt business platforms, provides diverse experiences to users. S&P's objective is to actualize the DISTRIBUTION COLUMBUS ECONOMY, as follows:



Primarily, S&P will spearhead the global salt market leveraging its smart salt farm technology and enhanced productivity, alongside the introduction of an economic model through product diversification. In doing so, S&P aims to address and overcome challenges inherent in traditional offline distribution, payment, and investment systems. The revenue accrued from these endeavors will serve as the catalyst for S&P's expansion into new industries.

S&P will build its own ecosystem through domestic and international development of smart salt farms and provide various services so that domestic and international users can experience a differentiated blockchain culture combined with real-world business.

Service



COLUMBUS, distributed through our business, will serve as the primary commodity within salt theme parks domestically and internationally. It will function as the major currency for accessing all labor and material services within the theme parks. We provide a convenient service experience to all users visiting the theme part by providing a complex payment system that can utilize existing physical assets.

Moreover, we will be at the forefront of developing in-demand systems after 2020, such as metaverse platforms, online shopping malls, NFT marketplaces, metaverse-based distribution systems, and salt mining games. These initiatives will lay the groundwork to achieve S&P's objective: the establishment of the DISTRIBUTION COLUMBUS ECONOMY.

Users will have the opportunity to register on the COLUMBUS PLATFORM and access linked services through their accounts. COLUMBUS coin will serve as the primary medium of exchange for transactions conducted via services connected to the COLUMBUS PLATFORM. The purchased products enable peer-to-peer (P2P) transactions and business-to-consumer (B2C) transactions between individuals, connected through sellers affiliated with S&P or COLUMBUS, and purchasing agents.

Service

Expansion of Smart Salt Farm Business

A portion of the profits generated from COLUMBUS will be allocated to S&P's core business, the smart salt farm. Salt, being a fundamental resource for human survival and industrial development, maintains an unending demand. Even with minimal investment, S&P's smart farm technology will provide the highest efficiency in salt production. The produced salt will yield significant profit through distribution. Implementing S&P's smart salt technology in clean waters across the world will bring about effortless global expansion to salt farms and salt businesses. These profits will serve as a foundation for providing a better environment and service to COLUMBUS ecosystem users through a virtuous cycle.

Salt Theme Park

S&P is developing a new concept of tourism service that allows visitors to access different labor and material resources in landmark (salt theme park). The services will be accessible to all customers, including general users and COLUMBUS users. COLUMBUS users will utilize the COLUMBUS payment system to access resources within the salt theme park, where the value of COLUMBUS is equivalent to cash.

Online Shopping Mall

Products manufactured by S&P are available in online shopping malls. Users can use both cash and COLUMBUS to purchase products from the online shopping malls.

COLUMBUS Payment System

COLUMBUS will offer online/offline services to allow regular users to access transactions. This strategy encourages the P2P (Peer to Peer) payment method to move away from traditional means and will prove that the open networks inherent in cryptocurrency are more meaningful. Such transactions will go beyond the traditional cash-based payment method, offering real-life value and long-term stability.

All services included in COLUMBUS MULTI PLATFORM support the COLUMBUS payment system.

Service

COLUMBUS Metaverse

Through S&P's COLUMBUS metaverse, users are collectively creating a comprehensive space where engagement, usage, and consumption of various online and offline services, including salt theme parks, NFT platforms, shopping malls, and more, are seamlessly integrated into a unified environment. Other industries can also participate in our metaverse ecosystem for collaboration and mutual benefit, enabling them to procure and experience resources using COLUMBUS and/or other digital assets. The COLUMBUS metaverse is poised to revolutionize the distribution industry with its innovative Prosumer-to-Earn (P2E) model, emerging as a pivotal driving force in the global distribution landscape.

Salt Mountain Mining Game

S&P is utilizing NFTs to develop a reward-based salt mining game. Users can buy/sell items (characters, machines) through COLUMBUS, and with the purchased items, they can participate in the game. Depending on the time spent participating and the items' specifications, rewards vary. Regardless of their location, users can play the game anytime, anywhere by accessing it through web and app platforms.

TECH



Tech

Blockchain is a distributed storage platform where small data called transaction data stores chained link based distributed data created using P2P method. The data are stored in distributed storage infrastructure. No one can arbitrarily modify them and anyone can access the results of transaction. It is a ledger management technology based on distributed computing technology. Blockchain is one of distributed data storage technologies in storage environment. It is designed to prevent arbitrary manipulation by operators of distributed nodes by continuously recording data changes in all participating nodes.

The three key elements of the COLUMBUS blockchain ecosystem are governance, coin economy, and technology. Governance embodies the political dimensions, while the coin economy delineates the financial trajectory, and technology elucidates the knowledge-centric facet of blockchain. In the context of COLUMBUS, each element complements the others. The coin economy serves as the core foundational structure within the composition of the blockchain ecosystem, orchestrating the course of knowledge dynamics and determining the maintenance of governance policies. Furthermore, governance and the coin economy are validated solely through blockchain technology. The key characteristics of the COLUMBUS blockchain economy are as follows:

- 1) Offline service and digital content transaction between users in a distributed network (P2P) environment without designated trusted third party
- 2) Operating the distributed COLUMBUS NFTPLATFORM service and reducing maintenance costs.
- 3) Implementing the core COLUMBUS logic using smart contracts.
- 4) Affiliates and third parties can connect and expand services using the COLUMBUS API.
- 5) All data records in the COLUMBUS SYSTEM are accessible.
- 6) Transaction information is commonly owned by network participants, ensuring prevention of data manipulation and integrity within COLUMBUS.
- 7) There is no single point of failure within the distributed network structure.

Tech

COLUMBUS platform is based on the Binance Smart Chain (BSC). It consists of a main chain that manages public data and private side chains that handle confidential data. All transactions are swiftly processed via side chains, although instances requiring multiple side chains for a single transaction are routed through the main chain.

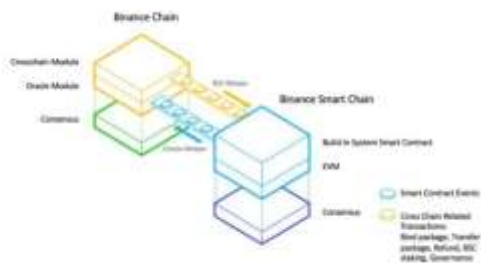


BINANCE SMART CHAIN

The BSC oversees the overall operation within the main network and provides a connectible API interface to the side chains. Based on this framework, Service Chain Networks (SCNs) are established to support independent services. Through this interface, both the main chain and service chains operate concurrently to ensure the confidentiality of sensitive data. Expansion and integration with various services are possible through the establishment of a public network.

Benefits of Binance Smart Chain

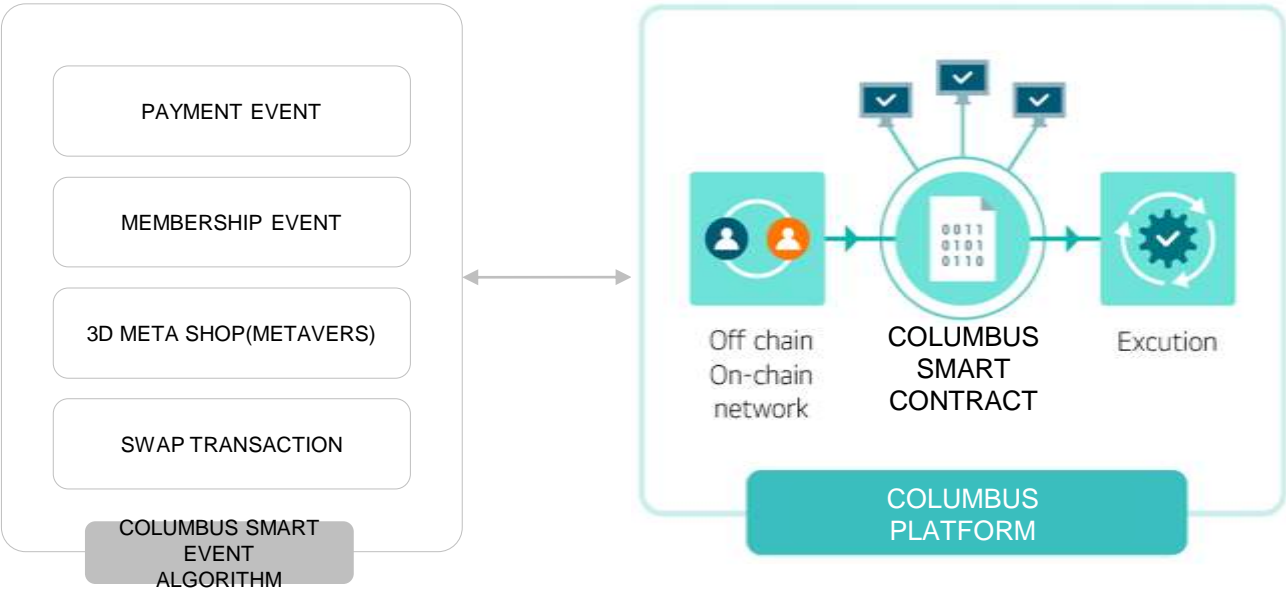
- 1) Execution of contracts and processing smart contracts through quick block generation and high transaction throughput.
- 2) Relatively low handling fees compared to other blockchains.
- 3) Easy access to DApps due to compatibility with EVM.
- 4) Supports its own DeFi ecosystem for improved accessibility to DeFi projects.



Tech

The COLUMBUS platform is currently constructing an online platform and offline service infrastructure based on blockchain technology to establish a cryptocurrency-to-pay (DB POINT) payment system. The development of the platform prioritizes the stability and scalability of its services. Data and insights gathered from diverse user engagements such as sales, transactions, marketing initiatives, rewards programs, and content consumption are recorded on the blockchain. In the future, these will be further developed into a big data system to support customers and affiliates by enabling the customization of information and leveraging marketing strategies. Nevertheless, the vast influx of real-time data poses a formidable challenge in directly recording all content on the blockchain. To overcome this challenge, COLUMBUS has implemented a technical architecture that combines both on-chain and off-chain methods.

- ① Ensures integrity through the validation of reward and payment transactions and the execution of smart contracts.
- ② Ensures integrity of on-chain transactions, wherein blockchain transactions are reflected in distributed traffic information.
- ③ Updates the overall blockchain network through validated or certified transactions via events.
- ④ Transactions generated by blockchain are guaranteed and validated by network participants operating multiple nodes, referred to as miners.
- ⑤ After the initial validation, transactions are recorded in blocks, distributed, and all information is shared with network participants for consensus on the validity of transactions.



1) COLUMBUS PROTOCOL

The COLUMBUS protocol complies with the language-neutral and platform-neutral Google Protocol Buffers. It has extensible mechanism for serializing structured data to use BNB communication protocols and data storage.

2) PROTOCOL BUFFERS

The COLUMBUS Protocol Buffers (Proto Buff) feature a flexible, efficient, and automated mechanism for serializing structured data. While similar to JSON and XML, the structure of COLUMBUS Protocol Buffers is much simpler. The definition of COLUMBUS Proto Buff allows coding in C++, Java, C#, Python, and Ruby. Languages such as Golang and Objective-C are supported through an official code generator linked with TRON. It is highly scalable because third-party implementations can be used to utilize many other languages.

3) COLUMBUS CLIENT

The COLUMBUS client integrates API definitions and optimizes data transmission. Various third-party clients can make use of the API. The proto is integrated using automatically generated code from the storage protocol of COLUMBUS. Proto Buff generates easy-to-use data access classes for developers of affiliates.

4) HTTP

The COLUMBUS Protocol provides and shares REST API for the Protobuf API. Thus, HTTP-based API can be easily utilized in the Javascript client.

Tech

The core architecture of the COLUMBUS MULTI PLATFORM service is built on the Binance Smart Chain (BSC). COLUMBUS adheres to the token standard of BSC, providing a versatile design compatible with Ethereum's BEP2 and ERC20 standards. BEP and BSC provide users with the opportunity to access a broader array of decentralized applications (DApps). Similar to BEP2, transactions involving BEP20 tokens require BNB coin tokens to cover gas fees. Currently, BEP20 is supported by XNUMX wallets, including Arkane Wallet and Math Wallet.

Furthermore, transactions between BEP2 and BEP20 tokens are facilitated through a "Bridge" mechanism. This cross-chain service is engineered to enhance interoperability among various blockchain ecosystems, including Ethereum.

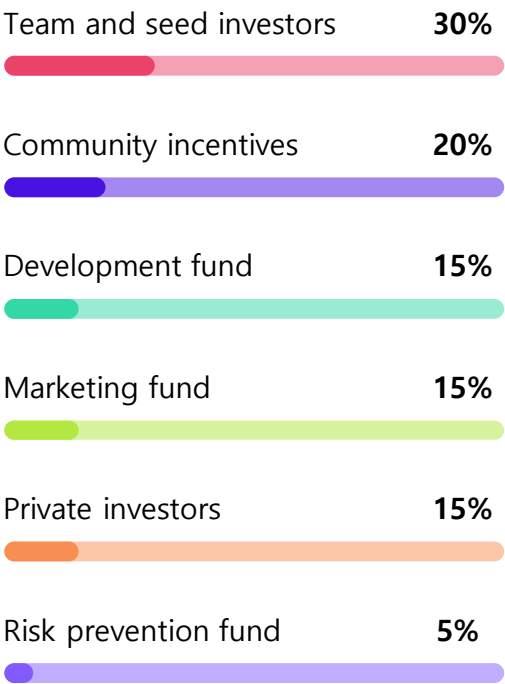


DISTRIBUTION

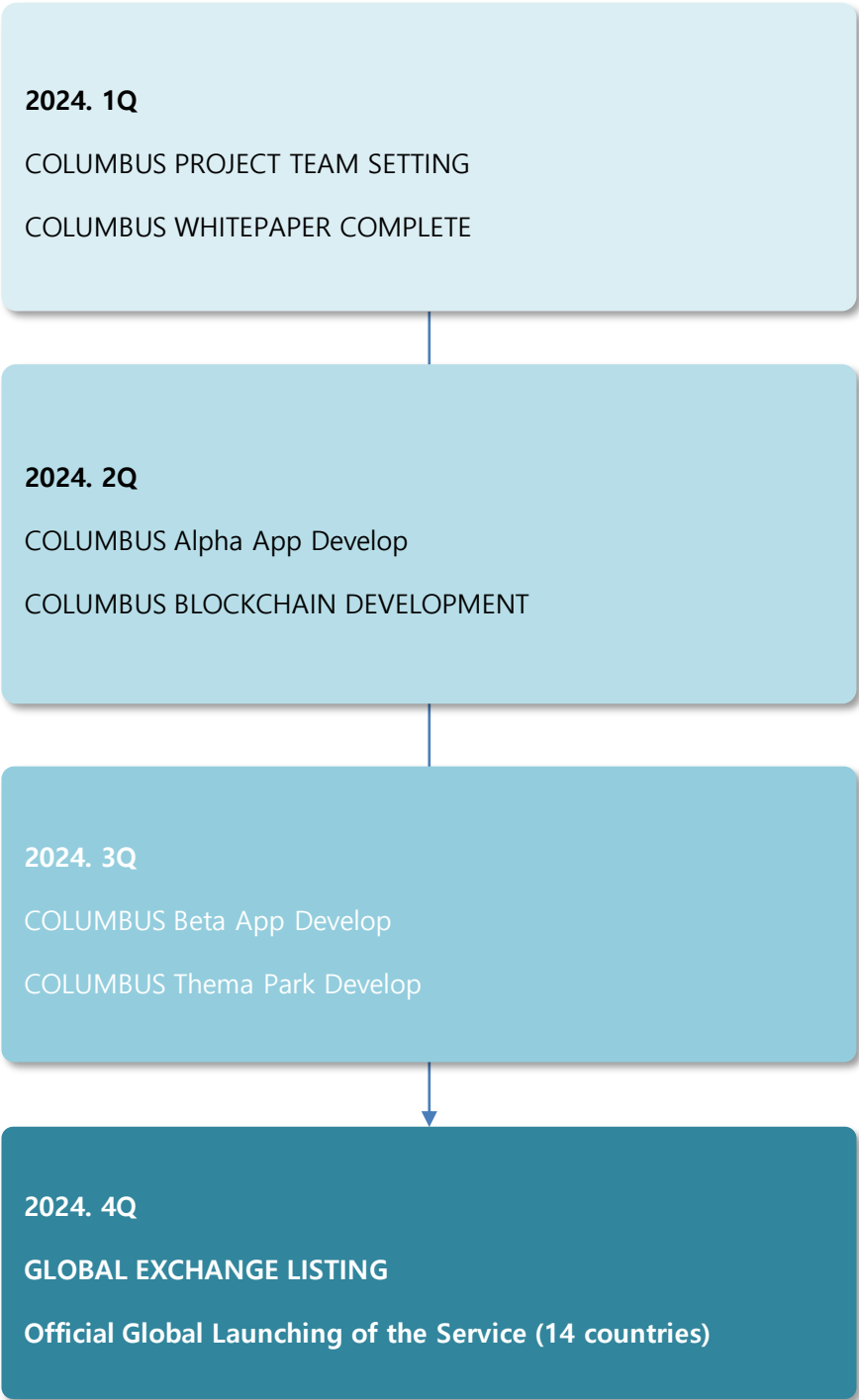
Policy

Role of Coin	Utility
Blockchain	BSC(BINANCE SMART CHAIN)
Coin supply	-
Distributed in the crowvdsale	-
Symbol/Ticker	COLUMBUS(COBS)
Decimals	18
Initial value	-

❖ Coin Allocation



Policy



Policy

LEGAL

This overview information, hereinafter referred to as the 'Whitepaper,' is presented with the sole intention of providing insights into the business model planned by the COLUMBUS Foundation (hereinafter referred to as the 'Foundation') and outlining the use cases of the utility coin ('COLUMBUS COIN'). The Whitepaper is disseminated strictly for informational purposes, and it is expressly acknowledged that the information contained herein may be incomplete, non-binding, and does not establish a legally binding relationship.

The acquisition of COLUMBUS COIN carries inherent risks, notably those associated with any coin acquisition. Each recipient of the documents provided by the company is required to conduct an individual assessment of the potential value of the content and make an informed decision regarding participation in the sale of COLUMBUS COIN. It is emphasized that the Whitepaper presents information pertaining to the business proposal put forth by the company and explicitly disclaims any endorsement or recommendation for financial investment.

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Policy

Specific information included within the Whitepaper includes forward-looking statements and forward-looking information. Except for historical facts, certain information herein constitutes activities, events, and forward-looking statements, encompassing, but not limited to, the development and functionality of services associated with COLUMBUS COIN; the adoption, experiences, and context that COLUMBUS COIN can provide; business strategies, purposes, and objectives of the Company, alongside the management's evaluation of future plans predicated on current internal expectations, forecasts, prospects, or estimates that may be incorrect.

Forward-looking statements are manifested in expressions such as "may," "will," "could," "would," "anticipate," "believe," "expect," "intend," "potential," "estimate," "budget," "scheduled," "plans," "planned," "forecasts," "goals," and similar expressions. They are based on different factors and estimates made by management and were considered reasonable at the time the information was provided. Forward-looking statements include known or unknown risks, uncertainties, and other factors, such as results, performances, and achievements, that may actually differ from the expressions and predictions in the forward-looking statements.



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