



QFS GOLDEN - QFS

WHITEPAPER

QFS GOLDEN

QFS

Website: <https://qfsgolden.com/>

Contract: 0xab737e248d3c088bdf093e0a28171ce35920f91b



November 25 , 2022

QFS GOLDEN (QFS)

A distributed network for the Environmental Investment Project Development Tool, the investment community that builds humanitarian projects .

QFS: An investment project development management tool , environment, and community .

QFS GOLDEN (QFS) is the use of blockchain technology and digital identity to digitize assets, using smart contracts to self-manage digital assets, in order to achieve "Project Development Tool". environmental investment project, humanitarian community" with distributed network .



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Digital Assets

Digital assets are programmable assets that exist in the form of electronic data. With blockchain technology, the digitization of assets can be decentralized, trusted, traceable, highly transparent and without intermediaries. On the QFS GOLDEN (QFS) blockchain, users can register, trade and circulate a variety of assets. It is possible to demonstrate the connection between digital and physical assets through digital identity. Assets registered through authenticated digital identities are protected by law.

QFS GOLDEN (QFS) has two forms of digital assets: global assets and contract assets. Global assets can be recorded in the system space and can be determined by all smart contracts and customers. Contract assets are recorded in the smart contract's private storage area and require a compatible client to recognize them. Contract assets may adhere to certain standards to achieve compatibility with most clients (We will establish when board member contracts are determined).





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Digital identity

Digital identity refers to identifying information of individuals, organizations and other entities that exists in electronic form. A more mature digital identity system based on the PKI (Public Key Infrastructure) BINANCE SMART CHAIN(BSC BEP-20) standard. In QFS GOLDEN (QFS), we will implement a set of BINANCE SMART CHAIN-compatible digital identity standards (BSC BEP-20). This set of digital identity standards, in addition to the compatible BINANCE SMART CHAIN(BSC BEP-20) level certification model, will also support the Web Of Trust point-to-point certification model. Our identity verification when issuing or using a digital identity includes the use of facial features, fingerprints, voice, SMS and other multi-factor authentication methods. At the same time, we will also use the blockchain to replace the Online Certificate State Protocol (OCSP) to manage and record the BINANCE SMART CHAIN (BSC BEP-20) Certificate Revocation List.

Smart contract

Smart contracts were first proposed by cryptographer Nick Szabo in 1994, just five years after the creation of the World Wide Web. As defined by Szabo: When a pre-programmed condition is triggered, the smart contract executes the corresponding contract terms. Blockchain technology provides us with a highly reliable, tamper-proof, decentralized system in which smart contracts are very useful. QFS GOLDEN (QFS) has an independent smart contract system: QFS GOLDEN (QFS) Contract : [0xab737e248d3c088bdf093e0a28171ce35920f91b](https://qfsgolden.com/0xab737e248d3c088bdf093e0a28171ce35920f91b)

The QFS GOLDEN (QFS)Contract smart contract system is the biggest feature of the seamless integration of the existing developer ecosystem. Developers do not need to learn a new programming language but use C#, Java and other mainstream programming languages in their familiar IDE environment (Visual Studio, Eclipse, etc.) to develop, debug and compile smart contracts. The universal lightweight virtual machine of QFS GOLDEN (QFS), QFS GOLDEN (QFS)VM, has the advantages of high ruggedness, high concurrency, and high scalability. The QFS GOLDEN (QFS)Contract smart contract system will enable millions of developers around the world to quickly execute the development of smart contracts. QFS GOLDEN (QFS)Contract will have a separate white paper describing the implementation details.



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Applications and Ecosystem

The ecosystem is the lifeblood of the open source community. To achieve the goal of a smart economic network, QFS GOLDEN (QFS) will commit to growing its ecosystem, providing complete development tools, improving document development, organizing educational and training activities as well as providing financial assistance. We plan to support the following QFS GOLDEN (QFS)-based applications and ecosystems, and

reward

improvements to the design of the experience. The Node Program



- A fully functional button PC program

- A lightweight button PC program with better user experience

- We

b/Android/iOS App Doesn't Need to Sync With Blockchain Hardware Wallet

- ◆ Blockchain Explorer

- ◆ SDK Development Kit

Support Java/Kotlin, .NET C#/VB, JavaScript/Typescript, Python, Go, Smart

- ◆ Contract Compiler and IDE Plugin



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- C#/VB.Net/F#, Visual Studio
- Java/Kotlin, Eclipse
- C/C++/GOOD
- JavaScript/TypeScript
- Python/Ruby

◆ Decentralized Application

- smart fund
- Legal Smart Contracts powered by AI
- Social network
- Automated Token Liquidity Provider
- Decentralized Exchange
- Centralized Exchanges
- Secure communication protocol
- Data Exchange Market
- Market for buying and selling intellectual property
- market prediction
- advertising market
- hash power market
- QFS GOLDEN (QFS) market

Management Model QFS GOLDEN (QFS)



Economic model

QFS GOLDEN (QFS) has a native token of QFS GOLDEN (QFS) QFS GOLDEN (QFS), with a total of **209,336,699 QFS** tokens, representing the authority to manage the network. Management rights include voting on



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accounting books, changing network parameters QFS GOLDEN (QFS) etc. Minimum unit of QFS GOLDEN (QFS) is 0.000000000000000000 1 and tokens can be split.


QFS GOLDEN (QFS) is a cryptocurrency, deployed on Binance Smart Chain(BSC BEP-20) .

Contract: [0xab737e248d3c088bdf093e0a28171ce35920f91b](https://bscscan.com/address/0xab737e248d3c088bdf093e0a28171ce35920f91b)

QFS GOLDEN (QFS) on BSC

QFS GOLDEN (QFS) is a cryptocurrency, deployed on Binance Smart Chain(BSC BEP-20)

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Date Deployed:	Jun-01-2022 11:48 GMT
Total Supply:	111,333,666,999QFS
Circulating Supply:	111,333,666,999QFS
Decimals:	18
Holders:	4000
Exchange:	 PancakeSwap (v2)

With a maximum total limit of: **209,336,699 QFS** . The QFS GOLDEN (QFS) network charges for the operation and storage of tokens and smart contracts,



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Distribution mechanism

Distribution of QFS GOLDEN (QFS):

111,333,666,999QFS tokens of QFS GOLDEN (QFS) are divided as shown .

The second part is the QFS GOLDEN (QFS) lock administered by the QFS GOLDEN (QFS) Council to support the development, operation, and maintenance and long-term ecosystem of QFS GOLDEN (QFS). This section will not participate in the exchange and is only for long-term support for QFS GOLDEN (QFS) projects. The plans for it are as follows: 10 % total will be used to promote QFS GOLDEN (QFS) developers and QFS GOLDEN (QFS) Council members

• Total 10 % will be used to promote developers in the QFS GOLDEN (QFS) ecosystem

◆ A total of 15% will be used for cross-investment in other blockchain projects, owned by the QFS GOLDEN Council (QFS) and used only for QFS GOLDEN (QFS) projects.

◆ 15 % total will be kept for backup



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- ◆ In principle, the annual usage of QFS GOLDEN (QFS) should not exceed 15 %



governance mechanism

Chain Governance: QFS GOLDEN (QFS) token holders are network owners and managers. QFS GOLDEN (QFS) tokens can be transferred.

Off-chain Governance: The QFS GOLDEN (QFS) Council is composed of the founding members of the QFS GOLDEN (QFS) project, whereby the management committee, technical committee and secretariat are in turn responsible for decision making strategy, technical decision making, and concrete implementation. The QFS GOLDEN (QFS) Council is accountable to the QFS GOLDEN (QFS) community for the promotion and development of the QFS GOLDEN (QFS) ecosystem as its primary goal.

Deployment of QFS GOLDEN (QFS) technology



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Consensus mechanism: dBFT

Holders of the QFS GOLDEN (QFS) token can, by voting, choose which accountants it supports. The chosen accounting team, through the BFT algorithm, reaches consensus and generates new blocks. Voting in the QFS GOLDEN (QFS) network continues in real time, rather than by a fixed deadline.

dBFT provides fault tolerance $f = (n-1)/3$ for a consensus system consisting of n consensus nodes. This fault tolerance also includes security and availability, is resistant to generic and Byzantine failures, and is suitable for any network environment. dBFT has good finality, meaning that after the confirmation is final, the block cannot be forked and the transaction will not be revoked or rolled back.

dBFT incorporates digital identification technology, meaning the bookkeeper can be the real name of the individual or organization. Therefore, it is possible to blockade, revoke, inherit, revoke and transfer ownership rights due to judicial decisions over them. This facilitates the registration of compliant financial assets in the QFS GOLDEN (QFS) network. The QFS GOLDEN (QFS) network plans to support such operations as needed.



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Smart contract system: QFS GOLDEN (QFS)Contract



What is Binance Smart Chain?

QFS GOLDEN is a decentralized financial payment network that rebuilds the traditional payment stack on the blockchain. It utilizes a basket of fiat-pegged stablecoins, algorithmically stabilized by its reserve currency QFS, to facilitate programmable payments and open financial infrastructure development. As of December 2020, the network has transacted an estimated \$299 billion for over 2 million users.

The smart contract system of QFS GOLDEN (QFS) consists of three parts:

QFS GOLDEN (QFS)VM - All-in-one Blockchain Virtual Machine:

QFS GOLDEN (QFS)VM is a lightweight, general purpose virtual machine that is architecturally very close to the JVM and .NET Runtime, similar to a virtual CPU that reads and executes contract instructions in sequence, executing control function-based process of command operations, logic operations and so on. It has good startup speed and flexibility, which is great for small programs like smart contracts, can also be ported to non-blockchain systems or integrate with IDEs for a development experience. Optimal. The functionality of the QFS GOLDEN (QFS)VM can be extended, such as the introduction of a JIT (real-time compiler) mechanism, thereby improving deployment efficiency.

InteropService - Interoperable Service:



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Used to load blockchain ledgers, digital assets, digital identities, persistent storage pools, QFS GOLDEN (QFS)FS and other basic services. They are like virtual machines provided for virtual machines, allowing smart contracts to access these services at runtime to achieve some advanced functionality. Through this low coupling design, QFS GOLDEN (QFS)VM can be ported to any blockchain or even non-blockchain system used, increasing the utility of smart contracts.

DevPack - Compiler and IDE plugin:

DevPack includes a high-level language compiler and an IDE plug-in. Because the architecture of the QFS GOLDEN (QFS)VM is very similar to that of the JVM and the .NET Runtime, compilers in the DevPack can compile the Java and .NET MSIL bytecode into the QFS GOLDEN (QFS)VM instruction set. Java/Kotlin, C# developers don't need to learn a new language and will be able to immediately start developing smart contracts in VS, Eclipse, and other familiar IDE environments. This greatly reduces the learning curve for smart contract development, allowing us to easily build a vibrant community around QFS GOLDEN (QFS)Contract.

QFS GOLDEN (QFS)Contract can generate a smart contract call tree through static analysis before running the smart contract. Through a deterministic call tree, the QFS GOLDEN (QFS) node can automatically shard smart contracts to achieve theoretically unlimited scalability, helping to overcome the "jamming effect" caused by Static fragmentation caused by other blockchain systems.

Cross-chain interoperability agreement: QFS GOLDEN (QFS)X

QFS GOLDEN (QFS)X is a protocol that implements cross-chain interoperability. QFS GOLDEN (QFS)X is divided into two parts: "cross-chain asset exchange protocol" and "cross-chain distributed transaction protocol".

Cross-chain asset exchange agreement:

QFS GOLDEN (QFS) has been extended on top of existing dual-chain atomic asset exchange protocols to allow multiple participants to exchange assets on different chains



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and to ensure that all steps in set of transaction processes that succeed or fail together. To do this, we need to use the QFS GOLDEN (QFS)Contract function to create a contract account for each participant. If other blockchains are not compatible with QFS GOLDEN (QFS)Contract, they can be compatible with QFS GOLDEN (QFS)X as long as they can provide simple smart contract functionality.

Cross-chain distributed transaction protocol:

Cross-chain distributed transactions means that multiple steps of a transaction are scattered across different blockchains and ensures the consistency of the entire transaction. This is an extension of the cross-chain asset exchange, extending the behavior of the asset exchange to arbitrary behavior. In colloquial terms, QFS GOLDEN (QFS)X can create cross-chain smart contracts where a single smart contract can execute different parts on multiple chains, succeeding or reverting in its entirety. This offers great possibilities for cross-chain collaboration and we are exploring cross-chain smart contract application scenarios.

Distributed Storage Protocol: QFS GOLDEN (QFS)FS

QFS GOLDEN (QFS) FS will serve as one of the InteropServices interoperable services in the QFS GOLDEN (QFS)Contract system, allowing smart contracts to store large files on the blockchain and set permissions access for those files. In addition, QFS GOLDEN (QFS)FS can be combined with digital identity so that digital certificates used by digital identities can be assigned, sent and revoked without the need for a machine. The central owner manages them. In the future, stale block data can be stored in QFS GOLDEN (QFS)FS so that most full nodes can release stale data for better scalability while ensuring integrity of historical data.



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Summary

QFS GOLDEN (QFS) is a distributed network that combines digital assets, digital identities and smart contracts and many other native technologies, as the infrastructure for the Environmental Investment Project Development Tool. schools, the humanitarian community of the future.

Our Development Roadmap

INVESTORS' RIGHTS CONNECTED TO ENVIRONMENTAL INVESTMENT PROJECTS, RESTAURANT, SUSTAINABLE AGRICULTURE ... WHEN HOLDING QFS GOLDEN (QFS)

Our main goal is to establish a Humane, Environmental, and Social Security community, where the QFS is evaluated as a tool to operate the community. Transparency in all funding and investments.

We will List on centralized exchanges to expand users globally and perfect the Project Management app we invest in .



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QFS GOLDEN Token will also be a transaction point, reward point or salary payment for project and real estate brokerage website system: qfsland.com

QFS GOLDEN Token and QFS price chart are available on. QFS is the BSC Token for PancakeSwap. This token uses BEP20 standard and it works on Binance Smart Chain. You can find the Token in the QFS BscScan page. QFS GOLDEN Token was detected by all trackers at 2022, 12:15:22 PM.

May 27, 2022

Plan to start PRESALE from the beginning of November 2022 to November 30, 2022 (Christmas time): The remaining amount is not more than 5% of the National Highway. Christmas 2022 LISTING QFS GOLDEN Token some centralized exchanges in the world.

Ready for IEO, ICO for investment projects and some 3rd party investment projects. The quantity of QFS depends on the needs of the investment projects in each phase. Using QFS GOLDEN Token for the right historical mission for the purpose of Investment points for projects of the Environment, Social Security, infrastructure ... Establish and expand the Community of Environmental Investment, Social Security with the System App system.

2023

From the App and Web Investment platform, we will completely set up the servers of QFS GOLDEN Token .

QFS GOLDEN Token

QFS

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