



# The Global Decentralized 3.0 Coin WHITE PAPER

V1.6

Last Updated January 6, 2024

The latest version is available on [www.jc-coin.io/landing/JCC\\_White\\_Paper\\_V1.6.pdf](http://www.jc-coin.io/landing/JCC_White_Paper_V1.6.pdf)

## CONTENTS

Introduction .....	2
The problem with cryptocurrencies .....	2
Daily notional gold volumes in US-dollar billions .....	3
Alternative attempted solutions today — Precious metals-backed tokens .....	4
A brief history of the major precious metals .....	5
Investment-Grade Physical Market Analysis .....	5
Precious Metals Portability Issues .....	5
Further Complexities of Buying and Selling Gold and Silver .....	6
Over-The-Counter Trading (OTC) .....	6
Exchange-Traded Funds (“ETF”s) and Futures .....	6
Retail Outlets .....	7
Simplify the transference of assets — JC Coin .....	7
A description of JC Coin token and ICO .....	8
ERC-20 — the standard .....	8
Commercial applications of the token .....	8
Estimated volumes .....	8
Staking .....	9
Best staking Yields 2023 .....	10
Technical aspects .....	10
Workflow .....	11
Project roadmap and Tokenomics .....	13
About the team/company .....	13
Token future perspectives .....	14
Digital Credit Card .....	14
Borrowing against your asset .....	14
Protection against the fall .....	15

## INTRODUCTION

JC Coin lets you ease in and out of precious metals purchases, quickly, securely, inexpensively, and anonymously. ***When the market is flying, you can be buying. When the market is in the tank, precious metals protect your flank.***

JC Coin is a fully decentralized Ethereum-based ERC-20 token. ERC-20 is the protocol designed to provide security, transparency, and portability across the Ethereum blockchain and its extensive network of centralized and distributed exchanges, lenders, wallets and other platforms. In short, your tokens are protected no matter which blockchain they are on!

ERC-20 is a technical standard used for smart contracts on the Ethereum blockchain for implementing tokens. ERC stands for Ethereum Request for Comment, and 20 is the number that was assigned to this request. The clear majority of tokens issued on the Ethereum blockchain are ERC-20 compliant.

This white paper aims to provide a concise and overall overview of the practicality of a novel digital asset named JC Coin and the ways in which the general public can engage and earn JC Coin. The document will delve into the functionality of JC Coin as an alternative cryptocurrency, the array of precious metals products, services, and rewards offered within the JC Coin ecosystems, and the design principles behind JC Coin to enhance the cryptocurrency user experience.

## THE PROBLEM WITH CRYPTOCURRENCIES

Cryptocurrencies are presumed to be fungible. In other words, they can be exchanged for something else of the same kind. For example, appliances can be replaced with cash or a similar item of equal value. Oil is a fungible commodity because any oil of the stipulated quantity and quality will usually do. Currency is a fungible asset because it can be exchanged for other currencies, goods, or pay for services. Gold is naturally fungible because one ounce of gold is equivalent to another ounce of gold — assuming it can be identified and trusted as being the same quality. The problem is that making gold fungible means trusting the source from which the gold is stored. Nobody would expect gold from a pawn shop to follow the same standards as a London Bullion Market Association (“LMBA”) certified gold bullion storage facility that has regular independent audits. That’s where we hit a **brick wall**.

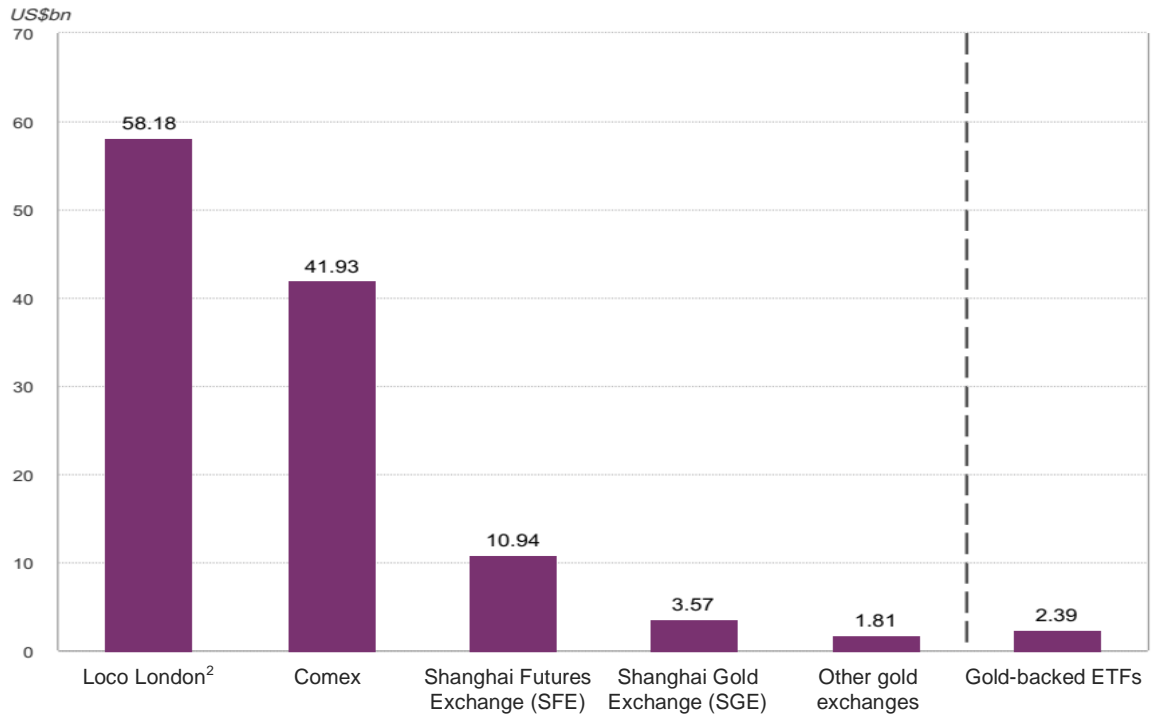
While the local pawnshop / jewelry store is a great place for anonymity, it’s not the greatest place to be assured that what you’re buying is pure precious metal.



One attempt to solve the problem of the exchange between cryptocurrencies and precious metals is the futures markets. Cryptos have inherent technological verifiability across a distributed ledger. Precious metals use administrative verifiability that contractually binds its participants. In other words, it's a world of trust. By placing them on a similar playing field such as the futures markets where the value of precious metals is determined, interchangeability between them can be established. And it's well known that in London and other jurisdictions, a vast amount of gold is being traded.

Here's an example of daily volume across the most popular of futures exchanges:


### DAILY NOTIONAL GOLD VOLUMES IN US-DOLLAR BILLIONS<sup>1</sup>



<sup>1</sup> Based on 2021 average daily volumes. For descriptions and methodologies for each data series please see: <https://www.gold.org/goldhub/data/gold-trading-volumes>

<sup>2</sup> Source: <https://www.gold.org/gold-market-structure/global-gold-market#>

While each of the exchanges guarantees the quality and the deliverability of gold, they have four major problems:

- 1) You can only use the fiat currency supported by the specific exchange to buy gold. This adds cost to the transaction in each of the steps:
  -  exchanging the coin to the fiat currency
  -  waiting to open an account with a registered broker
  -  transferring the currency to a registered broker
  -  paying the registered broker for the transaction
- 2) You must disclose to the jurisdictionally-relevant regulator all transactions, including deposits into a registered brokerage account, as well as the transactions to buy or sell. The exchange can limit the quantity and the frequency of your transactions.
- 3) You are at the mercy of the exchange rules and their market-makers who can swiftly and unpredictably alter the cost of futures contracts — under certain circumstances, even retroactively<sup>3</sup>. They can enforce price limits and halt trading altogether. Despite their charter to do the opposite, exchanges can actually create tremendous uncertainty for traders.
- 4) While mini contracts exist, there is currently no established framework for trading fractional gold. Additionally, in cases where smaller-sized gold contracts are offered, they often come with a substantially higher pricing compared to standard lot sizes.

## **ALTERNATIVE ATTEMPTED SOLUTIONS: PRECIOUS METALS-BACKED TOKENS**

Gold and silver-backed tokens feel like they solve these issues. However, under closer examination, there are some flaws.

The token is backed by gold or silver only. That's not an issue if you only want to trade one or the other, or a fixed ratio of both. Unfortunately, if you want the choice to trade either, you need tokens and/or an ETF in both.

In other words, you need an individual coin for each precious metal you want. You must commit your investment to buying gold or silver at their fluctuating prices before you sell. If the price goes up, your coin increases in value. If it goes down, it decreases in value. Not exactly a flexible solution.

---

<sup>3</sup> An example: the LME at its sole discretion determines when “...market making obligations may be relaxed...”

## A BRIEF HISTORY OF THE MAJOR PRECIOUS METALS

### INVESTMENT-GRADE PHYSICAL MARKET ANALYSIS

Let's take gold as an example of trading physical precious metals. The primary wholesale market for high-quality gold — the Loco London markets — is standardized by the London Bullion Market Association ("LBMA"). The LBMA sets strict standards for gold bars and the refiners responsible for producing these bars for the London market.

Gold bars that meet the highest quality standards and are produced by accredited refiners are referred to as London Good Delivery<sup>4</sup> bars. These bars typically weigh around 400 fine troy ounces (t oz) but can range between 350 and 430 t oz, with a minimum gold fineness of at least 995 parts per 1,000. In other words, the bar must consist of 99.5% gold. Each bar carries specific markings indicating its individual serial number, the refiner, its fineness, and the year of manufacture. The LBMA ensures that refiners producing London Good Delivery bars adhere to quality standards and responsible sourcing practices.

The predominant standard for investment-grade silver also comes from the LBMA (e.g., London Good Delivery bars). In addition, however, there are many other internationally recognized and used standards. These are just a few of the standards referred to as high-quality:

Sterling .925 Silver	Argentium Silver
Fine .999 Silver	Coin Silver
Britania Silver	Tibetan or Tribal Silver
91 zolotnik Russian silver	Bali, Thai or Mexican Silver

All these standards are often referred to as high-quality and used for investment purposes.

An investor can buy London Good Delivery gold or silver in either of two forms: allocated and unallocated<sup>5</sup>. Allocated gives the customer ownership of specific bars that can be stored in a vault or held by the customer. Unallocated, on the other hand, grants the customer an entitlement to a share of a certain quantity without ownership of specific bars.

### PRECIOUS METALS PORTABILITY ISSUES

Many processes related to the buying, selling, transferring, confirming, and settling of gold and silver assets between parties are still predominantly manual, lacking in transparency, and outdated. Relying on manual procedures introduces error and significantly affects the market's flow and liquidity. The gold market is primarily accessible only to qualified investors, making a significant portion of gold's value less readily available and accessible.

---

<sup>4</sup> <https://www.lbma.org.uk/good-delivery/about-good-delivery>

<sup>5</sup> <https://www.lbma.org.uk/market-standards/clearing>

Furthermore, transporting physical precious metal in bars is difficult, and storing them is costly, making gold a cumbersome asset for investors. Since the standard gold bar is 400 oz t (12.4 kg; 27.4 lb) in nominal weight, moving a million dollars will break through your bag before you leave the vault. The equivalent value in silver weighs over a ton, and would require a large truck to move it from point A to point B. And imagine the storage charges for a ton of silver compared to 400 oz t. In short, transportation and storage can become impractically expensive.

These challenges apply to both institutional and retail investors. While contemporary methods attempt to address some of these physical challenges, each investment avenue has its own limitations.

### **FURTHER COMPLEXITIES OF BUYING AND SELLING GOLD AND SILVER**

There are several outlets to acquire investment-grade metals, including over-the-counter (OTC) trading, gold and silver exchange-traded funds (ETFs), gold and silver futures, and retail gold and silver outlets.

#### **OVER-THE-COUNTER TRADING (OTC)**

The majority of investment-grade precious metals trading is over-the-counter (“OTC”) as unallocated gold or silver in spot markets<sup>6</sup>. The London OTC Bullion Market is the largest spot market, accounting for approximately 80% of the global market. To participate in this market, customers (typically institutions) must have an account with a member of the LBMA, either directly or indirectly. The clearing and settling of unallocated gold and silver for the entire London Bullion Market is managed by the five clearing banks forming the London Precious Metals Clearing Limited (“LPMCL”)<sup>7</sup>. After acquiring physical gold on an unallocated basis, purchasers can request physical delivery (e.g. allocated gold), which typically takes several days and incurs an additional fee. The metal is secured, stored, and safeguarded in secure London vaults.

#### **EXCHANGE-TRADED FUNDS (“ETFs”) AND FUTURES**

ETFs track the value of the underlying commodity and are tradable equity securities on securities exchanges. ETFs are more accessible to investors compared to OTC trading. They only require that the trader open an account with a broker<sup>8</sup>. They can be easily bought and sold, while their value correlates with the price of the metal. ETFs are backed by physical metals or futures contracts.

The futures market involves trading the price of a specified amount of metal on a future delivery date. NY-based commodities exchange COMEX dominates this market, trading around 40 million ounces of gold futures daily and nearly half a billion ounces of silver. Futures serve purposes like speculation or hedging against price risk, offering substantial leverage (10 to 500 times or more). However, they expire every three months, and redeeming them for physical metal involves

---

<sup>6</sup> <https://www.gold.org/gold-market-structure/gold-otc>

<sup>7</sup> <https://www.lpmcl.com/>

<sup>8</sup> <https://money.usnews.com/investing/articles/best-gold-etfs-to-hedge-volatility>

meeting minimum requirements, which can be costly and challenging.






## **RETAIL OUTLETS**

You can buy gold and silver bars or coins directly from refiners or bullion dealers. Retail buyers often opt for smaller amounts, like one-ounce or one-gram bars, but these may come with higher markups and purity challenges. Average buyers might find it challenging to afford large institutional-grade bars, and may struggle with the complexities of purchasing London Good Delivery bars directly.

Efforts to digitize gold, whether blockchain or non-blockchain based, have struggled to gain significant market scale. Digital representations may be backed by gold of uncertain origin or not backed by physical gold at all. Questions arise about who pays storage fees for physically-backed tokens, and various methods, like regular deductions or token depreciation, have drawbacks. Consequently, crypto exchanges are hesitant to list such tokens for trading.

## **SIMPLIFY THE TRANSFERENCE OF ASSETS — JC COIN**

As a way around these issues, imagine a coin that retains its value and can even increase, even as gold or silver decline. The secret here is the coin’s ability to exchange into any precious metal seamlessly. In other words, the value of the JC Coin is intrinsically defined by:

-  Its ability to reduce the cost of a transaction,
-  Its assurance of quality,
-  Its anonymity,
-  Its flexibility to exchange for any precious metal in fractions that you want, and
-  Its immediate availability for delivery.

Instead of the frustration of other methods, JC Coin’s abilities yield immense satisfaction and efficacy.

What’s in a name? With JC Coin, the answer is as open as its ability to exchange back and forth between precious metals and crypto. You can think of it as a transformational holy reference, a formidable ancient Roman ruler, a clever mnemonic like “Just Convenient”, or anything you wish. No matter what, you’ll soon agree that it’s both disruptive and transformative.

## **A DESCRIPTION OF JC COIN TOKEN AND ICO**

### **ERC-20 — THE STANDARD**

JC Coin leverages blockchain technology and smart contracts to provide a reliable, secure, and efficient way to hold and transact fractional metal ownership. With 18 digits of scale to the right of the decimal, it can accommodate both the smallest of trades, and the largest.



ERC-20 tokens are based on the Ethereum blockchain. They have several benefits for both issuers and users, including:

- **Interoperability.** ERC-20 tokens are compatible with any Ethereum wallet or exchange.
- **Security.** ERC-20 tokens provide enhanced security and reliability.
- **Programmability.** ERC-20 tokens can be programmed to perform specific tasks.
- **Passive income.** Investors can earn passive income on their crypto assets.
- **Decentralized trading.** ERC-20 investors can lend, borrow, and trade crypto in a decentralized manner.
- **Staking.** Staking ERC-20 tokens is a popular way to earn rewards and participate in network governance.
- **Lower costs.** ERC-20 tokens can reduce the cost of buying and selling digital assets.

## COMMERCIAL APPLICATIONS OF THE TOKEN

Simply put, JC Coin can be used in exactly the same way as any other transactional currency. It can be bought and sold. It can be exchanged and stored (staked).

Among the best uses for JC Coin is to convert it to a precious metal such as gold or silver. JC Coin will easily and inexpensively exchange into fractional precious metals with minimal spread against the current spot market. IT'S THE ULTIMATE EXIT STRATEGY!

### ESTIMATED VOLUMES

- \$100 billion is exchanged each day in registered bullion markets.
- Over 2.4 million oz t are traded on EFT markets.
- 24 million contracts are traded on COMEX.
- Paxos exchange has an average of 250,000 oz each month.
- Tether Gold has 80 billion USDT in gold.
- KAG has \$3.51 million oz of silver.
- Retail transactions are inestimable.

When it comes to attracting volume, the first item to review is cost. Cost is best understood when you know about spread. Spread is the difference between the purchase price (ask) and the sales price (bid) for any product. For clarity, the ask price is what the seller requires you to pay in order to purchase the product. The bid price is what you will receive from the buyer if you wish to sell your product. The ask price is always some amount at or above the bid price. In gold, the spread for bullion can be 1.3% to 1.8% in normal markets. However, when there is tremendous uncertainty and volatility in the futures or ETF market, then spreads widen significantly to 5-10% or more. To put that into perspective for gold trading near \$2,000 at the time of this white paper, purchasing will cost \$2,100 and selling will only offer \$1,900 for each oz t.

JC Coin solves that problem by offering gold at the midpoint. Any purchase can be reviewed against any exchange traded, any allocated or unallocated precious metals, any ETF, any coin, any

time, anywhere. JC Coin will be the best price. And with the transparency of a transaction, the time and sales can be verified and validated at any other venue of choice.

JC Coin maintains direct relationships with gold depositories around the globe to ensure the best price, ensure its anonymity, and provide complete assurance of the transaction — insured by Lloyds of London — with 100% transparency from the blockchain.

Enter 1inch Exchange, a DEX aggregator that ensures high liquidity and low transaction costs. It does this by:

- Aggregating DEX order books
- Limiting the number of transaction fees
- Splitting token swaps across 21 different liquidity protocols
- Collecting real-time pricing data from various DEXs

That's flexibility.

### **WHAT IS A COIN EXIT STRATEGY?**

Buying a coin is good when you can use it to exchange for other products (fungibility). So how does that work when you want to exchange it for a precious metal? Simple. Store JC Coin in your SynergyX Wallet. When you select an exchange for gold, Qype or Yelp pops up to direct you to a dealer to pick up your precious metal. Imagine rather than picking it up, you want it delivered to your doorstep by Deliveroo, Parcel Monkey or DHL. Or finally, you want to exchange your JC Coin for gold already stored at Mat in London or Zurich or in a vault of G4S in Hong Kong. That's what metals-backed coins cannot do. **JC Coin can.**

### **STAKING**

Staking is a key element of cryptocurrencies that operate using "proof-of-stake" validation. In a proof-of-stake system, investors who own the cryptocurrency can help validate transactions in a given cryptocurrency's blockchain database. Typically, they must own a minimum number of coins to verify transactions, and then they are permitted to become a validator.

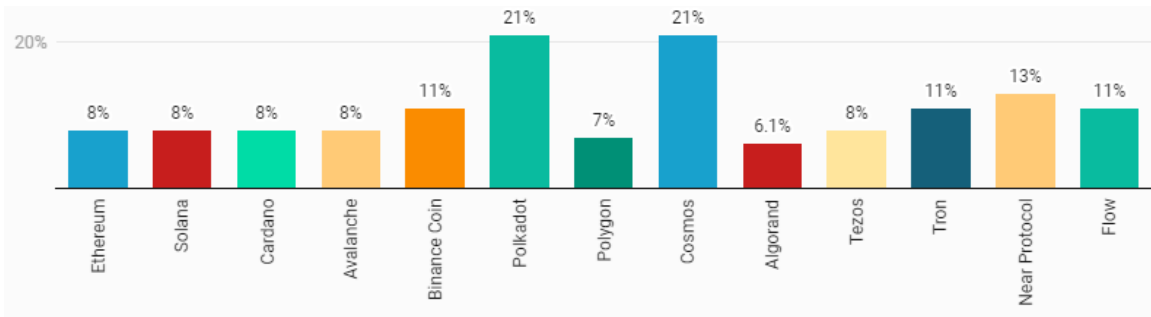
While many of the mature coin offerings offer rates of between 6 and 12%, some are going as high as 21%<sup>9</sup>. Staking JC Coin will be used not only for stake validation, but also to establish and extend relationships with precious metals providers to ensure that any transaction size will be immediately executed and verified for either storage or delivery.

### **BEST STAKING YIELDS 2023**

The following are examples of some of the yields available as of November 2023:

---

<sup>9</sup> <https://www.bitcoinmarketjournal.com/best-crypto-staking-yields/>



During its initial offering Initial Exchange Offering (“IEO”), JC Coin will offer a **30%** staking yield. How can it offer so much? GROWTH. When you stake 100,000 coins, and receive 2,500 each month, those coins will be working overtime. JC Coin will always maintain a coin reserve to supply the stakers with their anticipated return on investment. Remember, this is JC Coin — so you can take your stake in GOLD or SILVER!

## TECHNICAL ASPECTS

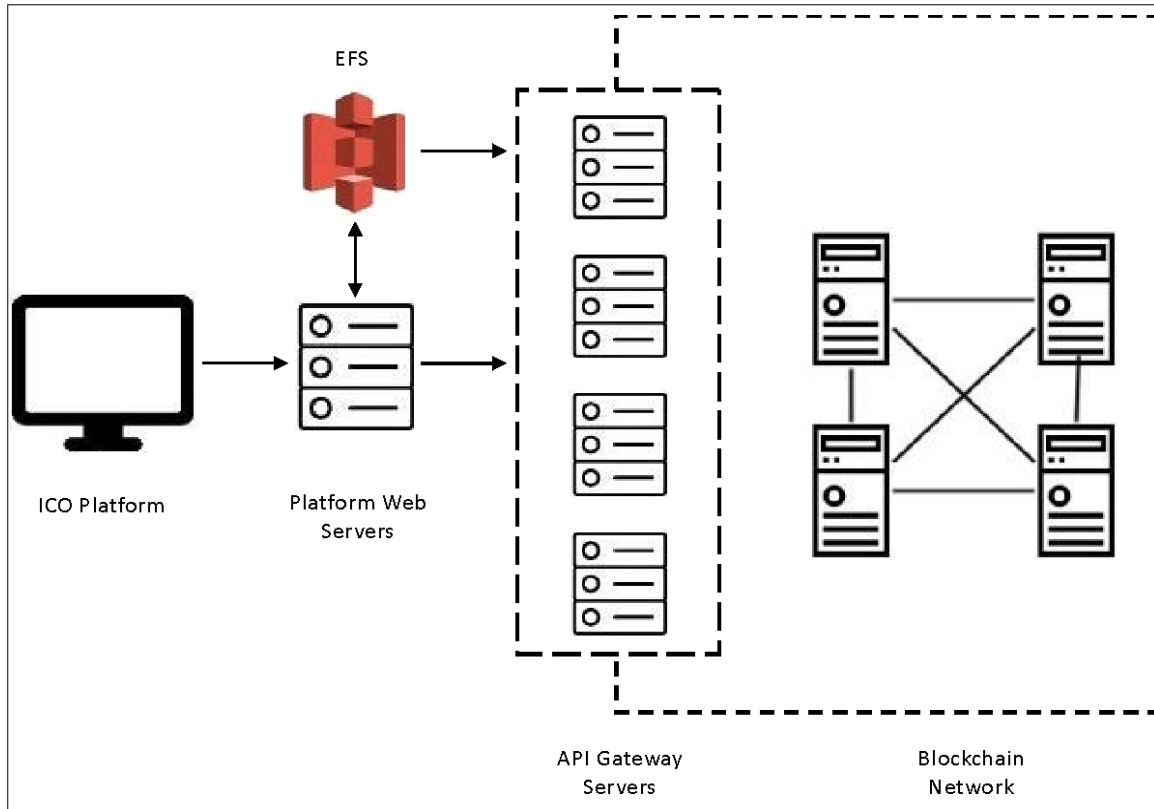
We are creating an ERC-20 token based on the Ethereum blockchain network and writing a smart contract behind the token distribution. This will involve considering all the ICO and token ecosystem phases, including private pre-sale, public pre-sale, or investment rounds. The smart contract will utilize the language [Solidity](#).



Figure 1 - For general overview, these are the ecosystem’s relationships.

## WORKFLOW

Blockchain technology is not new but has trade-offs in performance, functionality and security. Blockchains leverage distributed ledger technology (“DLT”), which require a peer-to-peer (P2P) computer network. DLT can be on a public or private network, including algorithms such as proof-of-work (PoW) such as Bitcoin, Dogecoin, Litecoin and others or proof-of-stake (PoS) such as Ethereum, Cardano, SOL and others. This technology exists at the core of DeFi. The JC Coin ecosystem leverages the existing blockchain, Ethereum/ERC-20 with an Encryption File System (“EFS”)<sup>10</sup>.



*Figure 2 - Overview of Technology Ecosystem*

The security of the technology comes from the encryption provided by the EFS. This protects the anonymity of the trader while making plain the existence of the coin. By using a smart contract construct, there is no need for manual intervention, manual oversight, or any redundancy that can possibly introduce errors or security breaches. The local technology consisting of ICO Platform, Platform Web Servers and API Gateway servers all work on Amazon Web Server (“AWS”) clouds, enabling scalability, security and international accessibility.

<sup>10</sup> EFS is a user based encryption control technique that enables the users to control who can read files on their system. When deployed, it automatically encrypts data such as that which passes the API gateway on **Figure 2 - Overview of Technology Ecosystem.**

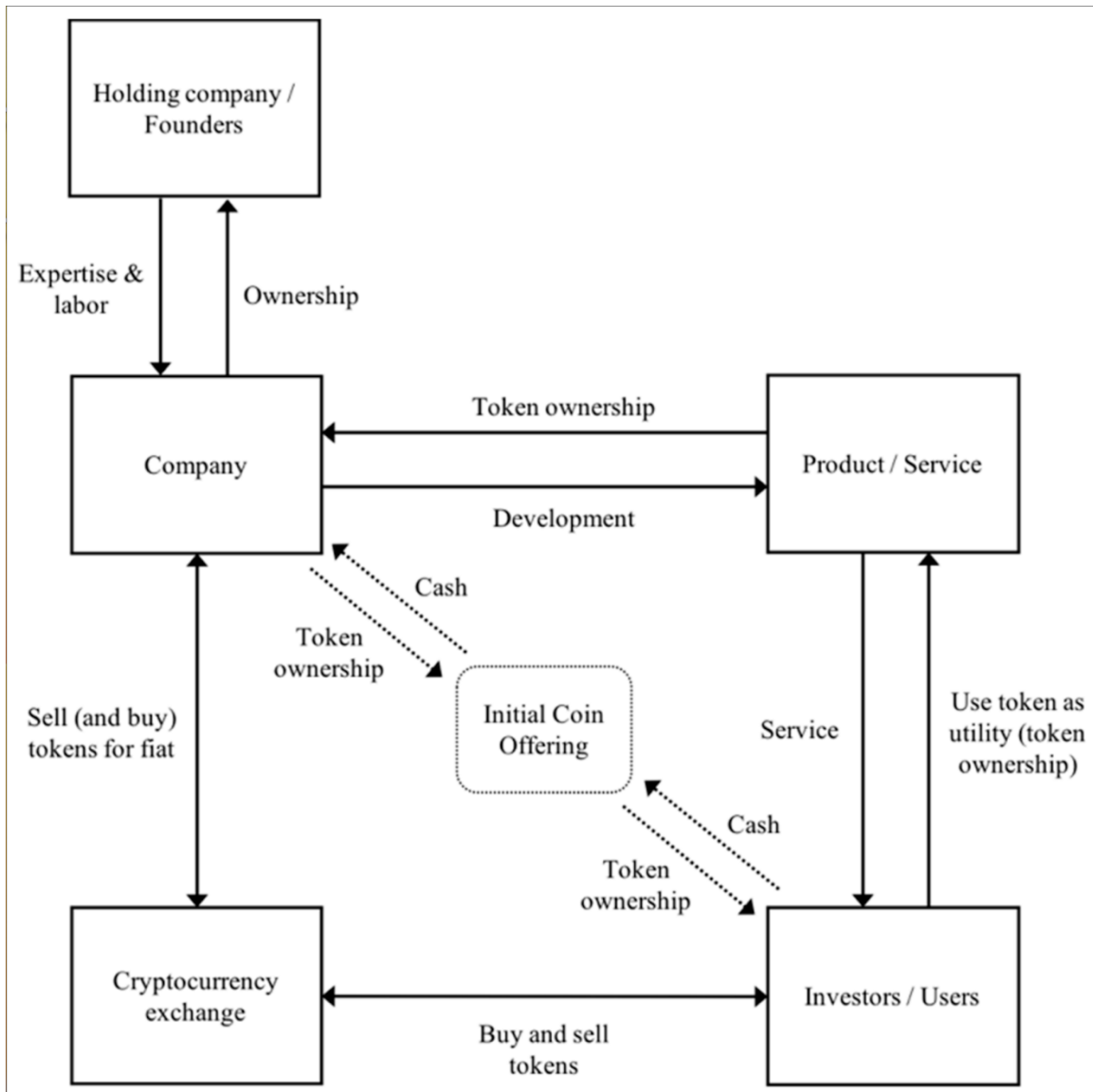


Figure 3 - Money flows for ICO

The primary asset in our ecosystem is the native token, JC Coin. It's important to note that this project has relied heavily on leveraging currency-available market solutions (e.g., Binance APIs, Kraken APIs, etc.). This is for two primary reasons: (a) it keeps a budget-friendly work product, and (b) these are tried & tested ecosystems with myriad use cases, exponentially decreasing our timeline for our work product to go "live."

## PROJECT ROADMAP AND TOKENOMICS

500 billion JC Coins will be deployed through a series of phases. These phases assist in two main categories. First, this allows for market forces to better align with the true value of the coin. Second, it allows for any idiosyncrasies in the smart contract while limiting liability and exposure.

The initial phase is 50,000,000,000 coins at a fixed value of \$0.0001000 (0.01 ¢), making the initial raise \$5M. The initial raise will fund the budget for ongoing hosting and support for the technology, the marketing plan for this and future announcements, and salaries to support staff. The second 50,000,000,000 will be released at incremental raises until it reaches \$0.01000 (1.00 ¢) based on supply and demand. 4,500,000,000 coins will be kept in reserve for payment to staking participants. The token can be burned and minted to maintain stability in the price. The motivation is often to increase the value of the remaining tokens since assets tend to rise in price whenever the circulating supply falls and they become more scarce. In a similar way, algorithmic stablecoins automatically mint new tokens and burn them frequently to maintain their dollar-pegged value.

The following table summarizes the source and use of the tokens:

Percentage	Category
17%	Pre-sale
17%	Public sale
12%	Liquidity
4%	Rewards
9%	Staking
2%	Advisors
2%	Ambassador Program
6%	Team
11%	Marketing
20%	Reserve

## ABOUT THE TEAM/COMPANY

The team is an anonymous syndicate of technical, marketing and precious metal brokering. The idea came out of a collection of elderly gold traders — which means we’re all over 25 years old. And while we can (and probably will) bring in celebrities and sponsoring advocates who will add influence on the value of the coin, we believe that if the technology doesn’t stand on its own, the owners don’t matter.

The team’s roots come from GLOBALFI (GFI). GFI is a renowned financial conglomerate that emerged on the scene in 2018, founded by a team of seasoned entrepreneurs and engineers. This forward-thinking group, boasting diverse expertise in finance, engineering, Forex exchange technology platforms operations, and the cryptocurrency and blockchain sectors, has left an indelible mark on the investment landscape.

The brainchild of this entrepreneurial team encompasses a triumvirate of highly successful investment ventures:

Firstly, a licensed and prosperous commodity futures investment firm, spearheaded by a visionary founder who navigated the complexities of financial markets with acumen and finesse.

Secondly, a thriving Forex trading investment firm stands as a testament to their ability to navigate the dynamic realm of foreign exchange, achieving notable success in the process.

Lastly, a flourishing precious metals investment firm showcases their prowess in establishing key partnerships with major precious metals providers, globally renowned refineries, international trading firms, hedge funds, and family offices.

Noteworthy is the evolution of GLOBALFI Labs, a research and development arm integral to the GLOBALFI ecosystem. This subsidiary has played a pivotal role in advancing the technological frontiers of the financial industry, contributing innovative solutions and insights to the overarching success of GLOBALFI.

Throughout its history, GLOBALFI has established itself as a formidable player in the financial landscape, earning recognition for its astute leadership, strategic partnerships, and commitment to excellence. The firm's impact extends internationally, with collaborations spanning major players in the financial, trading, and investment sectors. As a beacon of innovation, GLOBALFI continues to shape the future of finance through its dedication to cutting-edge technologies and a comprehensive understanding of market dynamics.

## **TOKEN FUTURE PERSPECTIVES**

### **DIGITAL CREDIT CARD**

The JC Coin will be available using a digital debit card branded with MasterCard® and Visa®. The single use digital credit cards will be automatically created using the SynergyX application. The user will integrate the credit card with their wallet for use in online or in-store purchases. Once used, the card will be disabled to protect the account holder from any unauthorized use, then replaced with a new virtual card. The JC Coin debit card will have virtually unlimited replacement capability. This way, you sell only the amount of JC Coin that you need and keep the rest.

### **BORROWING AGAINST YOUR ASSET**

You've staked your JC Coins, and you see another great opportunity. What do you do? Get a collateralized loan, of course. JC Coin will have a loan strategy of up to 30% of your staked coins. Use it for any other investment you believe will pay you more. Pay the loan back at a pace that makes you money at both ends. Available in 2024.

### **PROTECTION AGAINST THE FALL**

Traders know that there's money to be made in either direction — up or down. We'll have a tool to manage price risk when you're buying JC Coin. Naturally, we're bullish; however, any intelligent investor knows that asset prices rise and fall. When they fall, your JC Coin Insurance Policy may allow you to cash out with more than you paid in premium. Then you will have additional funds to purchase at a lower rate and take advantage of Dollar Cost Averaging. If JC Coin simply goes back to where it started, then you're in profits.