



## **Jupiter Finance**

### **Largest Cross-Chain Crypto Aggregation Protocol**

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Developed an advanced protocol for traders & investors to leverage crypto derivative assets, NFTs, Lending & Staking from any CEFI/DEFI network.

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V1.0

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## Abstract

First conceived in 2020, Jupiter Finance will provide a robust foundation for application-specific networks to connect or be seamlessly deployed. Our vision allows interoperability between different assets on different networks. Issues that have plagued DEFI in past instances can be solved with our technical DEFI approach. This is to be achieved through an optimal aggregation protocol which will smartly create pooled liquidity from the entire crypto market under one decentralized platform – Jupiter Finance. We aim for Jupiter, beyond the moon and mars.

This vision of ours is focused on harnessing the key attributes of blockchain technology in a much more practical way: to improve the user experience and introduce new efficiencies. Indeed this is an honest approach beyond the hype and rhetorical features that could make a difference to everyday crypto traders.

The blockchain ecosystem is packed with unlimited profitable concepts which make it a very special movement - a place where new ideas can flourish.

Blockchains are decentralized. Unfortunately, the context of “decentralization” is more of an ideology than reality. Decentralization as a concept must accept the impassioned expression of fund security as a positive signal. Many large pillars in the “DeFi” space are fragile decentralization at best. Apparently, one does not have to look so far to find examples of major DEFI based infrastructures who still underpin hedge economics and control of multi-signature wallets under individuals and corporations who can’t be regulated. It appears that regular CeFi and DeFi establishments, haven’t delivered decentralization after all. From steep fees to high operational costs, day traders are being pushed to the edge daily. This doesn't diminish the role that blockchains play in advancing global financial services and broadening economic participation. On the contrary, blockchains still have a critical problem to solve, enabling interoperability and

transparency. These crucial factors are pertinent to drive better products, more transparent markets and organic global participation.

The Binance smart blockchain network has shown potential as a competitive launch pad for more and more DEFI projects to innovate. We have already seen an indication of end user attitudes and behavior and with recent uptick in the BSC smart chain adoption. This is why Jupiter Finance will operate on the Binance smart chain.

Jupiter Finance is the first full aggregation protocol for crypto trading, to support cross-chain swaps while sourcing liquidity from an amalgamation of basic DeFi and CeFi. Our clever routing system finds the best prices from DEXes and CEXes, and provide traders with the best prices, reduced slippage, and quick settlement.

Jupiter Finance will operate an exclusive DeFi AMM aggregator system governed by JFT Tokens, which is the native token for Jupiter Finance Platform. Our token holders can lend, stake and earn passive income. On Jupiter Finance exchange, token holders get great discounts on trading fees.

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## Overview

### What is our business?

Jupiter Finance is the most interoperable blockchain platform in the field of liquidity provisioning. We will be offering a collection of goods and services which will integrate the most sophisticated blockchain industry solutions to date better than regular DEFI based AMM DEXs which were usually based on decentralized atomic swaps technology.

Ours is a user-friendly gateway to virtually all the cryptocurrency markets; laced with financial backing from proceeds of our futuristic markets in shipping, transportation, energy and real estate.

Jupiter Finance otherwise known as “JFT” or “JF”; is perpetually useful for the utilities presented by Jupiter Finance’s cryptocurrency aggregator, automatically allowing investors & users access multiple exchanges to obtain the best spot price for supported cryptocurrencies. This feature technically enables Jupiter Finance stand out with features of both DEX and CEX exchanges respectively. With spread reduction & faster order execution speeds coupled with a straightforward user, Jupiter Finance presents itself as an attractive platform for investors who have appreciable interest and demand for brokerages with low fees, seamless continuous interexchange trading using arbitrage, and much more.

Our platform is powered by the native utility token (JFT), deployed on the Binance smart chain. JFT tokens provides profitable options for all traders and holders especially with regarding lowered trading fees, earning governance rights and staking within decentralized Brokerage ecosystems.

A significant amount of money and developer hours have already been devoted to the establishment of our platform, whilst our team is strongly motivated to complete and enhance it further. We aim for Jupiter & not just the moon.

## **Main features**

Our unique cryptocurrency aggregator being the Centre of the JFT economic model, finds the best price on SPOT & makes its accessible upon request by all traders. Our ecosystem is being designed with a custom-matching engine, to connect by API to hundreds of exchanges in real time. Jupiter Finance will use combined order books to allow the trade of cryptocurrencies at the most competitive market prices, enabling our company to pass tangible dividends to our users. In addition to unbeatable savings and convenience, our UI is built like a traditional exchange interface, providing an advanced list of supported currencies on the market.

Organically, as our exchange attains interest with more hedge funds; our platform will match orders effectively against each other on a peer-to-peer within own internal DEX. As you probably already know, this will further decrease a reliance on third-party exchanges. With the rise of user-friendly DEXs, JF will be connected to more and more peer-to-peer cryptocurrency marketplaces. Users will increasingly be able to enjoy instant executions of their orders without risk.

As non-custodial platform, Users have full of their funds. At JF, we will allow users to seamlessly withdraw purchased cryptocurrencies to an external wallet immediately after. This means that, funds will NEVER be held on our platforms. Our cold secure wallets vastly erode the risks of hacking, theft, and downtime as common in centralized crypto exchanges.

## Problem Statement

As a platform which basically operates with a peer-to-peer strategy & brings those who want to trade efficiently with best price margins provided on every single exchange as well as brokers who want to receive guaranteed transaction fee revenue for fulfilling orders on a trader's behalf, we at Jupiter Finance are patronizing the fastest, easiest and most efficient systems to capitalize on best arbitrage opportunities and earn money as market makers.

Nonetheless, despite overcoming many challenges during its evolution, the blockchain ecosystem is still suffering from several issues. Over 87% of cryptocurrency traders still run into problems while trading on the existing markets Encrybit<sup>4</sup>. We should take a look at them ineptly as follows.

### *Security issues*

At present, the main threat in the cryptocurrency industry is a lack of security. According to CipherTrace's report<sup>5</sup>, the entire volume of cryptocurrency-related fraud and theft in 2019 has resulted in losses of over \$4.39 billion.

Centralized exchanges are the most susceptible elements in today's infrastructure. In a centralized or closed system which is the system run by centralized exchanges; orders, deposits, withdrawals, and transactions are all channeled through completely centralized modules. For this reason, DEXs (decentralized exchanges) are expected to be the most popular type of cryptocurrency exchange since their technology and capabilities are comparable to those of their centralized equivalents. The promise of 'decentralization' is the allure of cryptocurrencies. As a result, having robust DEXs with excellent liquidity is critical for the cryptocurrency's development.

### ***Transaction Delays***

While cryptocurrency transactions are noted for their speed, delays could occur to serve as a safeguard against hackers or fraudulent transactions. This is especially applicable when executing withdrawals. If an exchange suspects that a user did not approve the transaction, it may be delayed.

### ***Low Liquidity***

Liquidity is an important component of every cryptocurrency token on the market. When there is a shortage of it, the atmosphere presents an unbalanced situation. Things could spiral out of control. When orders are not placed/executed on time due to the lack of liquidity, it leaves the door open for whales to influence prices. Markets become more volatile and price slippage occurs as a result of a lack of liquidity.

### ***Wash Trading***

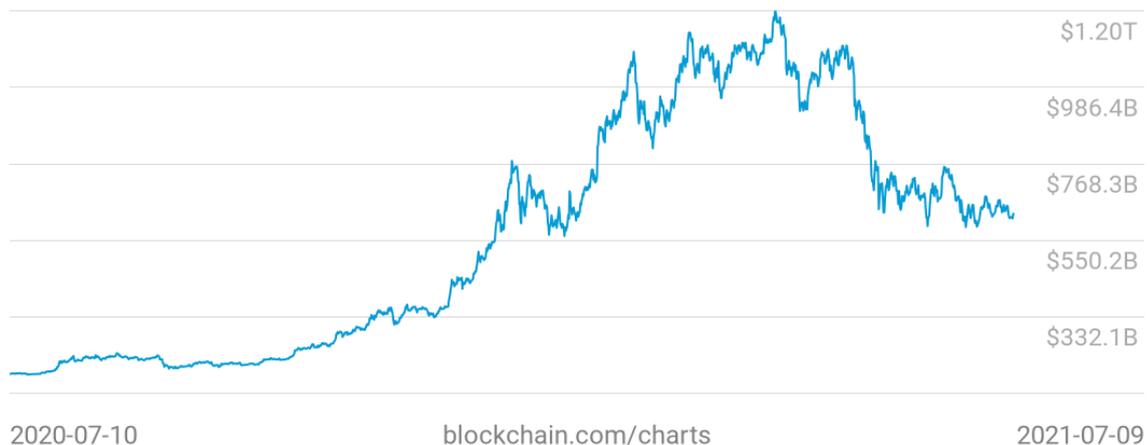
Currently, the majority of crypto exchanges are only lightly regulated, leaving room for sometimes shady or abusive manoeuvres. It is reported that crypto exchanges use bots to manipulate the prices of most coins.

## Market Focus & JF products

### Size and expected growth of the market

The total market cap of all crypto assets is still very low in comparison with other kinds of assets.

Market Capitalization  
**\$626.2B**



Blockchain based assets are still paddling a rapidly growing market with a current total market capitalization of approximately \$626 Million, where 86% is divided between 5 major crypto assets (Bitcoin, Ethereum, Ripple, Bitcoin Cash, Tether, Litecoin). In about 2 years, crypto capitalization could grow to \$3T, which is 25% of the market cap of gold. At that time, Gold as an asset may start being considered obsolete in terms of being a store of value, since clearly better alternatives like cryptocurrencies will begin taking the lead.

As probably observed, the cryptocurrency space has witnessed hybrid growth and development in DeFi. Over 60% of the general use cases & adoption seen in blockchain today have emanated from basic interactions generated by traders who utilize basic exchange platforms to farm, stake or lend cryptocurrencies. In some way, this is institutional adoption gradually playing its part daily.

Additionally, with more influx of institutional funds driven by daily maturing regulation, there is an ever increasing utility for real-time blockchain applications in the finance industry.

Through Jupiter Finance; an amalgamated hedge funding provided through Virtual capitalists in real-estate, transportation & energy ecosystems respectively: becomes available to our trading consumers. These implementations are to provide a form of secured equity, furthermore setting an additional derivative foundation for JFT to back its market value upon. Our specialized ecosystem intends to smartly lower market entry barriers for newcomers so that an organic participation from basic supply chains in retail industry can follow up.

Jupiter Finance will support both DeFi users & CeFi exchanging systems. Support is not for only novice but also professional traders. Our UI intends to be so user-friendly and completely free for users. For enterprise traders, we will provide an API interface and customized trading interface services to assist investment corporations develop trading strategies like quantitative arbitrage.

Jupiter Finance will house a host of profitable DEFI services via the various arms in our ecosystem. In a summary, Jupiter Finance aims to mimic a financial hydra figure. Our host of services will include:

### **Exchanges: Featuring JupiterSwap**

Jupiter Finance will aggregate major exchanges (DEXes and CEXes) across a functional multi-chain API which will support blockchains ranging from Ethereum, ETH 2, HECO, Solana, Polygon and so forth. As one of the first functional aggregators on the Binance Smart Chain, we will continue to aggregate more public chains and exchanges based on the voice of the community. Only JFT holders will be able to participate in decision making processes on our JupiterSwap.

Subsequently, will be adding JupiterSwap AMM DEX arm to a list of services under our broad ecosystem, where we will also additionally host Jupiter Finance's main sale.

## **NFT Market place**

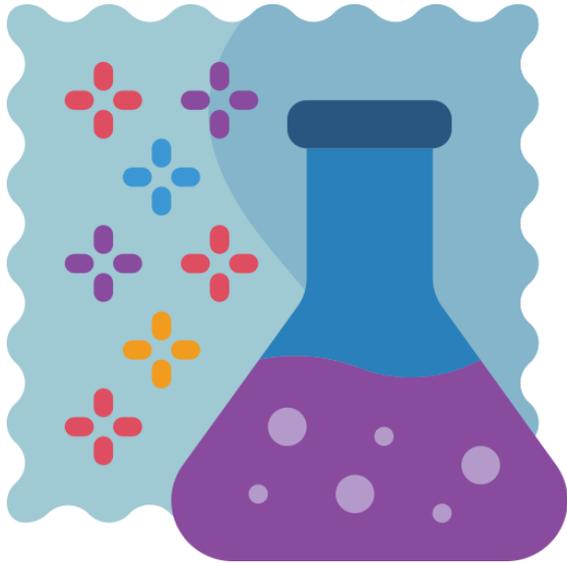
Our platform will be rolling out an advanced NFT mart with special functions for low gas fee NFT Creation, cross-chain NFT with a decentralized Storage, Consortium Nodes and a DEFI node supporting decentralized NFT trading under Jupiter Finance.

Contrary to what many developers may know, the storage of an NFT on a blockchain platform provides the owner with built-in authentication through a registry entry that is very difficult to alter or delete. NFTs have practical uses similar to deeds, bills of sale, stock certificates and other documents used to verify ownership. NFTs also permit the sale of fractions of assets, which expands the pool of potential investors.

More information about NFTs? NFTs uses a “proof-of-stake” consensus mechanism to validate new registry entries, rather than the energy hungry “proof-of-work” problem-solving method used by Bitcoin and Ethereum.

Global real estate is the largest world asset class that could be “tokenized” using NFTs on blockchain ledgers. Now it’s very understandable why we will be establishing many exclusive partnerships in real estate.

DeFi projects and dApps could transform the real estate finance system, just like the broader traditional financial system, by developing more efficient and transparent peer-to-peer real estate related products, services and transactions, without the heavy involvement of title companies, banks, brokers, attorneys and other intermediaries. As the real estate industry is well-established with institutional barriers and legacy technology and legal infrastructures, traditional stakeholders and insiders will resist change, especially for the adoption of controversial new applications. However, this rapidly evolving technology and should not be discounted too quickly. The appeal of secure peer-to-peer real estate transactions will not disappear, and the blockchain technology solutions and offerings will grow and improve.



## Synthetic Exchange

Synthetic asset being tokenized derivative which mimics the value of another physical asset. It's more or less a derivative since it derives its value from an underlying asset or index. Instead of using contracts to create the chain between an underlying asset & the derivative product, synthetic assets tokenize the relationship. This means that

synthetic assets can impart exposure to any asset in the world — all from within the crypto ecosystem.

With this basic understanding, a synthetic exchange is that platform which avails an avenue for trading of such derivative assets. Jupiter Finance as a conglomerate offering basic crypto-centric services will thrive in providing a sponsored access to our Synthetic exchange services. As expected, our aim is to incite the attention of regular crypto hedge funds and institutional ForeX investors as well. Here are just a few advantages synthetic assets have over traditional derivatives:

Synthetic assets are becoming quite valuable as specialized investment assets owing to the fact that anyone can issue them: Synthetic assets can be minted by anyone using open-source protocols. Synthetics can be traded on any crypto exchange in the world, including unstoppable decentralized exchanges. It can be sent and received them between standard cryptocurrency wallets.

Assets like get far more organic liquidity across global exchanges, swap protocols, and wallets than traditional derivatives are even remotely ever capable of. These advantageous qualities give Jupiter Finance an edge over so many competitive options.

## **P2P Options**

Prepare for the rollout of our advanced P2P DEXchange option. On this client, we don't sell, but we help trader match best trade offers for free.

A search engine will be made available to offer a unified P2P exchanges to all global traders & we will remove all hidden services and options.

Through the P2P trade options, we are making a trade process easier for noobs in cryptocurrency who are only comfortable with escrow deals – where Jupiter Finance offers both trading parties an agreeably free notable escrow service. We find you a profitable offer and refer you to the P2P portal where you to enter the amount, choose a payment method and indicate what you want to do - buy or sell. Our algorithms will analyze over +10,000 offer options and offer you the best ones. All you just have to do is choose. JFT holders will benefit from this service by paying a meagre annual fee of 50 USD worth of JFT tokens.

## **Staking & Lending Options**

Staking is a financial term that's fairly unique to the cryptocurrency markets. In a nutshell, as an investor you agree to stump up the crypto you invest in a specific network to help the network validate transactions. In exchange for doing that, you earn rewards, typically in the form of tokens. Due to the over-collateralized nature of decentralized finance platforms like JF, any default risks usually extremely low, as positions are liquidated prior to them resulting in any debts. On Jupiter Finance, users can be assured of collateralized hedge funds for lending. When funds are borrowed against a liquidity pool comprised of the assets of all lenders in the platform, any default risks are being distributed across all lenders in equal proportions to their investment.

### ***What's the difference between Staking and Lending?***

While staking helps secure a network, lending allows investors to passively earn interest to help facilitate trading.

Our company “Jupiter Finance” is to enable you lend your crypto to other traders and earn interest as a result. This applies to staking as well. As you may already have observed, this sector is now becoming heightened profitable stance for many crypto investors and borrowers. There is now more than \$20 billion invested in lending companies like Maker, AAVE and Compound.

## **Business Potential**

Our ultimate goal is to build a protocol that can connect to both centralized and decentralized exchanges. This will allow for secure cross-chain trading and access to liquidity throughout the whole crypto market. JF will pioneer a community-based ecosystem of assets that contribute considerably to developing markets, furnish liquidity, and patronize blockchain adoption as a whole while also generating interest and profits paid in JFT tokens.

As crypto is too volatile, small portions of JFT earnings will be considered to invest in more stable traditional financial markets such as real estate, shipping and transportation, energy market and so on. We will notify all updates in our website accordingly.

Clearly, besides an aggregated swap, Jupiter Finance will continually aggregate derivatives, yields, lending, insured staking products, and launch its own combined margin with JFT tokens. In future, we will also provide API and arbitrage tools for users to operate automated arbitrage strategies.

## Our Services

Finance built on a transparent decentralized infrastructure will undoubtedly have high demand in the future. However, if this is the case, then rules and compliance will follow suit. Despite substantial gains in the DEFI space, its overall value is still insignificant when compared to CeFi.

Authorities will become aware of the rapid increase, have a greater understanding of the issue, and take actions to manage the space. Again, we must be honest about the actual reality we live in, acknowledging that we live in a physical world despite today's libertarian concepts in blockchain and the infrastructure's decentralized nature.

Our platform and technology addresses many widespread concerns, while lowering the barrier to cryptocurrency adoption and providing a valuable service for existing traders. For this reason, we are taking an extra step to have our company (Jupiter Finance) verified, registered and audited in Estonia.

We are targeting multiple customer segments and will have diverse revenue stream sources. Users will need JFT utility tokens to use the platform and pay fees for trades and other products/features.

JFT's conglomerate of financial tools is much more than a good advanced trading tool, but a final destination for retail and institutional clients who seek speed, security, convenience and attractive pricing all in one place.

## Products overview

As unique as the JFT project stands, we'll have a host of quality DEFI products which work together to scale and our ecosystem.

**Jupiter Finance Terminal** – A gateway provided to traders to find the best spot prices for executing their trades. From a single account, users can get the best price execution across all exchanges. Users do not need to have separate accounts for several cryptocurrency exchanges, nor do they need to be conversant with each one's peculiarities and subtleties. All users may use JFT's Terminal to buy and sell major cryptocurrencies at the best price and with the cheapest costs. With only one click, traders will be able to access as many cryptocurrency markets as possible.

We can keep generating revenue on Jupiter Finance via resultant fees from transactions on our platform as well as Internal matching of orders.

**DEX Kit** - a launch pad for projects to list supported blockchain projects on our decentralized crypto exchange and get instant liquidity on them through connecting to our ecosystem's API. We generate revenue through Annual fees.

**Portfolio management application** - tool for tactical traders enabling rebalancing, tracking & trading of assets in a fast and easy way regardless of where funds are held. Our kind of portfolio management comprises various tactical tools.

A trade monitoring tool – Customers may keep track of and record their trading activity across several exchanges in one spot.

Auto-rebalancing of holdings - Traders can select the asset mix they wish to retain in their portfolio and the conditions under which the assets will be rebalanced.

Trading signals for arbitrage possibilities - Users can sign up to get notifications when arbitrage opportunities arise on the market, allowing them to profit from market inefficiencies.

Fees are generated for this specialized product through subscriptions, arbitrage trading, analytics, trade research, and trading signals sales.

### **Best price execution across all exchanges from one account**

A price discovery module is made up of a pluggable architecture that provides a real-time feed of live prices from exchanges. By providing a basic interface and displaying exchange information within it, a new plugin may be simply built. The module not only shows the most recent price, but it also analyzes exchange order books to reveal volumes and depths. It tries to update and push results to the user whenever feasible, connecting to the exchange through web sockets. When the exchange is unavailable, it falls back to a pull-based approach, which involves continually monitoring the REST API of the exchange.

The price discovery module will aggregate and interpret historical prices, availing a feed to all connected clients, and a UI plotting charts against prices in real-time.

Price data requested will be charged in JFT tokens from the client. Developers can run their services with 99.9% uptime, receiving a fee for providing that data for trade guidance.

### **Virtual Price matching engine**

Users can utilize our technology to match orders internally rather than executing them on third-party exchanges. This will significantly lower expenses, lower trading fees for customers, and enhance profit margins for the firm. As the number of users grows, more and more orders will be internally matched.

### **Interfaces for professional and retail traders**

We developed both a simple intuitive interface for noob users and a highly adjustable complex platform for professional traders. Both platforms will make trading fast, easy and simple.

### **High-Frequency Trading (HFT) Solution**

We are providing a high speed trade engine that match orders on our platform next to immediately. With regular update and continual development of the aggregator mechanism, our ecosystem is optimized to offer the necessary speed and performance to satisfy the demands of high-frequency trading (HFT). Algorithmic trading bots will be able to connect via unified APIs, enabling trade execution at the best pricing across a variety of exchanges, all from a single platform.

Special payment structures payable in JFT tokens, will be implemented for big and high-frequency traders, making Jupiter Finance stand out among other exchanges.

### **As an aggregator of crypto exchanges and prices, JFT has the following advantages:**

- Combining order books from several exchanges to increase liquidity and market depth.
- Obtaining the greatest possible pricing from a theoretically infinite number of markets at any moment.

- Enabling Brokers have access to the best fees on each exchange due to their reputation as a high end trader figure.
- Trades have a single, unified charge; there are no separate deposit/withdrawal fees.
- Streamlined online management with a single account across many channels (web, mobile)
- When necessary, provides comprehensive and advanced analytics, as well as transparent accounting and trade tracking
- When requested, provides comprehensive and advanced analytics

## **A system for Portfolio management on Jupiter Finance**

Jupiter Finance avails you a host of easy-to-use tools to track cryptocurrency trades via a web portal and our mobile apps. Traceable details including analytics for trades, comparing different portfolio management strategies, and advising future trading decisions.

Trading history, current balance, and profit/loss are all supported by the portfolio management module for smart portfolio utilization. It also enables users to compare and contrast various trading techniques.

Users will be able to easily monitor and record their trading activities across various exchanges using trade tracking tools. The UI of Jupiter Finance provides a quick summary of customers' portfolios, including individual crypto holdings and earnings, as well as total portfolio worth. All trades made on our ecosystem may be found using a search engine and visually represented on interactive charts.

### **Arbitrage trading signals**

The vision here at Jupiter Finance is to deliver a full aggregator for crypto trading that furnish better capital efficiency and serve as a bridge connecting the isolated islands in the current fragmented DeFi and CeFi markets. Furthermore enabling simple search queries for the best price across many different exchanges. Regardless of being small individual investor or large institution, everyone should have the opportunity to trade at the best prices and apply own investment strategies on various crypto asset classes.

Since our platform gets the best price across many different exchanges, it's not uncommon for one exchange's minimum ask price to be greater than another's maximum bid price. As a result, it is feasible to acquire coins on one exchange and sell them on the other, benefiting from the difference. Arbitrage is a widespread practice in major financial markets for executing such deals. While it is common on crypto markets – notably the deeper and more liquid/active Bitcoin markets — the constraints of keeping funds on all relevant exchanges and continually watching all markets limit the extent to which it is practicable for many altcoins.

Jupiter Finance will make such trades available on its platform for premium users, based on their JFT token holdings. Premium users will receive signals about arbitrage opportunities, which will be sent automatically across different channels (email, browser notifications, and push notifications for mobiles). If they indicate their interest, Jupiter Finance will execute the trades for them, allowing them to generate results. The fees for this service will be paid in JFT tokens.

### **Auto-rebalancing of holdings**

Users may choose which asset combinations they want to keep in their portfolio and establish conditions that will trigger asset rebalancing.

### **Enterprise DEX Trade**

Rolling out our enterprise AMM DEX solution which will allow partnering firms and companies with non blockchain users to execute large trades directly with our APIs right from within their platforms or website. Trades from enterprise clients will be executed across various exchanges to get the best price available, and for the lowest fees. Enterprise clients won't have to give away control or transfer their funds to get high liquidity from various exchanges, and will have the ability to sell their assets short.

Jupiter Finance Protocol enables a wide range of decentralized applications to permit users to buy and sell crypto assets from many different exchanges, simply and efficiently.

### **Trading recommendations**

Tips and analyses from well-known traders and professional agencies will be posted, with emails or push notifications informing users about key developments or favorable market conditions. Sources can be customized and more trusted sources prioritized for each user.

### **Third party trade research and analytics**

Users will be able to filter third party researchers and analysts, group them according to selected criteria and have the ability to purchase on one platform.

### **Cryptocurrency analytics**

Jupiter Finance provides detailed information for each cryptocurrency or token, including interactive charts, trading history, and indicators/analytics to help traders gauge the potential of each trade and market movements. News feeds from major cryptocurrency sources and channels such as Bitcointalk, Twitter, and Reddit will be provided as well.

### **App Store**

Jupiter Finance Protocol may be used to construct a broad range of applications, including trade apps, trading bots, and payment gateways. Every decentralized application on the market will

use the Protocol heavily. That's where utility plays a very good part. Jupiter Finance Trading Terminal, the reference implementation that will provide a liquidity aggregator and portfolio management, will be the first dApp to run on the Jupiter Finance Protocol. JFT will be utilized as a utility token within Jupiter Finance's dApps, and will be used to pay for all services, including commission fees and loans. Jupiter Finance will provide a marketplace for decentralized applications (dApps) developed on its technology.

The network of components that comprise Jupiter Finance's marketplace can be enhanced or developed further by third parties, ensuring greater quality and availability of functionality. Developers can earn passive income when others use their modules. For example, anyone can create a Price Discovery Module for a new exchange and join the Jupiter Finance network. They will be compensated for providing this service with JFT tokens. Participation in the Jupiter Finance ecosystem also has the benefit of sharing liquidity across the network and new exchanges.

## Safe deposits/withdrawals on multi-currency wallets

A multi-currency wallet is a collection of tools that are safely kept on the client's computer or mobile phone and provide a variety of cryptographic operations and blockchain connectivity. With the aid of the JFT developer base, additional support will be implemented gradually.

Jupiter Finance will include a set of simple and user-friendly tools, such as a functionality for depositing and withdrawing currencies, sending JFT tokens to the escrow smart account, signing DEX orders for exchange executors, and integration with a portfolio management module to provide a history of operations and calculate trade cost and profit, among other things.

All trades placed on Jupiter Finance are routed through exchanges and executed as real trades in the marketplace. This means all balances are fully backed at all times and funds can be withdrawn to a user's external wallet whenever they want.

## Target Customer Base

Jupiter Finance has situated itself as the best option for derivatives, lending, and physical assets aggregation based on user needs, since basic governance rights (with respects to decision making) will be decided by JFT holders. The JFT protocol will expand product scope into derivatives, both from DeFi and CeFi. For the aggregation of derivatives, we plan to achieve deep aggregation through portfolio margin. Our users will be able to trade both long and short on multiple exchanges simultaneously with combined cross margins from both DEXes and CEXes. In addition, we'll provide intelligent investment services to help users participate in the DeFi & CeFi ecosystem and automate their asset management processes themselves.

As there are a variety of players in the crypto market, innovative applications with integrated smart contract functionality have emerged from blockchain technology platforms, there is an expanding list of digital currencies, tokens and peer-to-peer financial products and services. There are non-fungible tokens (NFTs), which, unlike fungible cryptocurrencies, are unique digital assets stored on a blockchain platform, and which can include images, videos, recordings, collectibles and tangible items in the physical world. There is decentralized finance (DeFi), the peer-to-peer transaction infrastructure for tokens and other software applications and contracts designed to replace traditional banking products and services and streamline transactions. Smart contract protocols can now permit dApps to access the blockchain platform and integrate with cryptocurrencies, NFTs and DeFi projects.

What's the essence of this analysis? Jupiter Finance is poised to deliver virtually every service related to multi-blockchain trade aggregation, DeFi, NFT, lending & also staking. Our target investors are top dogs in the crypto investments sector globally.

### Crypto hedge funds

Hedge fund companies have the advantage of being able to invest in almost anything. From classic asset classes like equities, fixed income, commodity, currency to derivatives and other kinds of leverage, almost nothing is off-limits. With the huge profits created by cryptocurrencies, it was only a matter of time until they looked into it to earn the revenues they needed to keep their investors happy. Catering to accredited investors or institutional investors it automatically

is not constrained by stricter rules that apply to other players in financial markets, as they do not warrant the same protection as retail clients and as such allow hedge funds to operate riskier strategies. It's a match made in heaven, you could say. The Cryptocurrency sector, largely unregulated, offers opportunities like no other asset class at the moment is the perfect playing field for return-hungry, risk-embracing hedge funders. We will use our partners to our advantage to ensure Jupiter Finance stays uptight and liquid to furnish our profitable model.

### **Crypto trading Strategy companies avoiding Counterparty Risk**

If your crypto fund trading strategy necessitates leaving significant assets on exchanges, you'll need a robust counterparty risk framework that is constantly monitored. This may entail employing several exchanges and restricting the maximum exposure to one exchange at any given time. Then comes Jupiter Finance to provide you real-time data from thousands of exchanges at a go. Companies in this field will be taking a cue from the services we will provide for a very sustainable lengthy time.

Altcoin order books can be thin and fragmented across many different exchanges, making establishing the best price very difficult. On top of that, accessing such opportunities requires having an open balance on multiple exchanges – often making it impractical for ordinary traders. We will solve these kind of problems. JFT's liquidity aggregator will enable users to easily split orders and purchase coins from different exchanges in a timely and cost effective way.

### **Retail traders**

Almost 35 percent of Americans are purchasing cryptocurrencies. Men are almost twice as likely as women – 43 percent to 23 percent – to have bought cryptocurrency. Almost half, 47 percent, of individuals making \$75,000 to \$99,999 annually had entered the markets. Less than a quarter of those making under \$25,000 have invested in cryptocurrency. Age really doesn't play any factor when it comes to trading crypto. According to our results, more upcoming youths are getting more and better at trading crypto assets. This positions retail investors in bits. With our advanced marketing and SEO tools, we abound to every investor all around the world.

### **Coins stored at exchanges are at risk on CEXs**

Exchanges are generally accepted to be unsuitable for long-term cryptocurrency storage due to the risks of hacking and theft, as well as scheduled or unscheduled downtime making funds inaccessible. Jupiter Finance will support instant withdrawals, meaning coins are immediately transferred to the user's external wallet and are not held on the platform itself.

### **Professional high frequency traders who want to avoid High fees**

Almost all centralized exchanges have rather high trading fees, ranging from 0.3% to 0.5% for moderate customers. Despite batching transactions, they impose deposits and withdrawals fees that are significantly higher than network transaction costs. Not only does JFT's liquidity aggregator include price and order book depth, but also trading and withdrawal costs.

Users will profit even more when traffic grows and the platform gains access to more attractive pricing levels on its partner exchanges. Customers will benefit from the savings, since even equivalent charge levels on Jupiter Finance will be less expensive than on other exchanges.

### **A search for Trade-tracking tools**

Tracking transactions involving several crypto currencies on multiple exchanges necessitates a great deal of manual accounting on the user's part, and exchanges are unable to provide a uniform safe solution. In many countries, knowing the exact amounts and dates of a transaction is critical for tax reporting. A small blunder might result in increased taxation or, in rare circumstances, criminal responsibility. This alone necessitates the importance of a unified handy multi-blockchain exchange aggregator to enable a swift sale of assets when capital is immediately required.

## **Jupiter Finance as a Foundation**

The JF Foundation creates open source data for several of our fundamental components. Our working APIs are standardized and ready to power the liquidity aggregator protocols.

In the end, the goal is to avail an API protocol that can connect to both centralized and decentralized exchanges. This will allow for safe trading between blockchains while also allowing access to liquidity from the whole crypto market.

## **Protocol overview**

Currently, there is no market that can compete with JF's string of decentralized technologies.

This is because we are becoming standard for connecting to centralized and decentralized exchanges' order books, allowing the creation of dApps to provide robust services for buying and selling any cryptocurrency at the best price the market has to offer at the time.

The demand for cryptocurrencies and their corresponding trade is on the increase per annum.

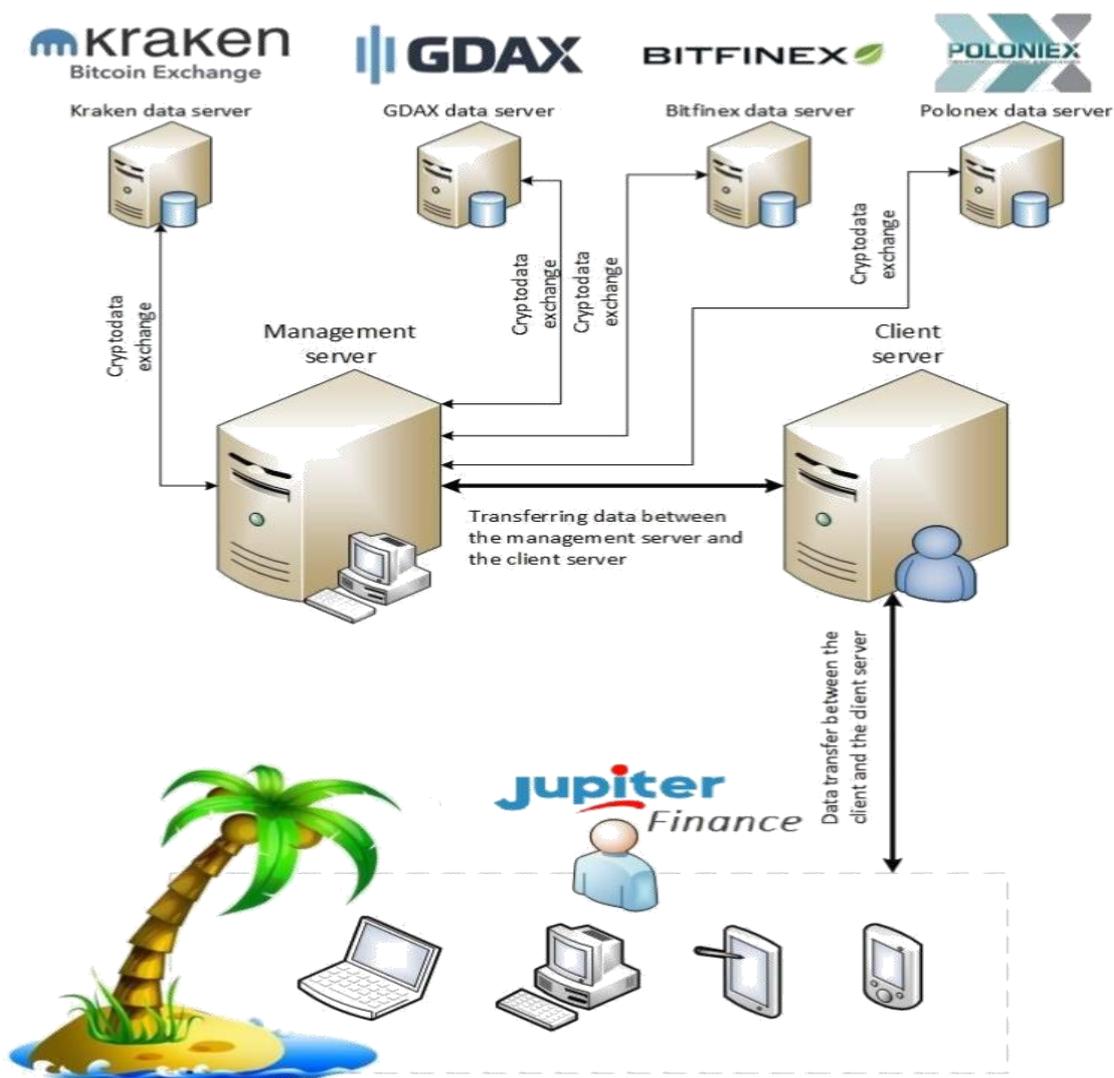
Jupiter Finance's APIs connects to a variety of current exchanges and provides a common API for all of them. While each exchange has its own data formats, connection mechanisms, and call-making techniques, we will conceal these under a unified API standard.

Our Protocol includes modules for standardizing portfolio management, storing, tracking, calculating profit/loss for executed trades, managing crypto index funds, and providing liquidity for lending & paying off stake profits.

## **JF Protocol architecture**

Jupiter finance is built on a modular architecture of distributed and decentralized services that complete all of their transactions on the Binance platform. As a consequence, these services and components will deliver outstanding performances while also providing the ultimate

security of being confirmed by the blockchain and having cash locked and guarded by smart contracts. Another benefit of this best-of-both-worlds approach is that modules may be upgraded and replaced without impacting the protocol's general functionality, thus no downtime is required when enhancements are usually made.



### Jupiter Finance Protocol architecture

The JF Foundation will serve for a variety of functions. To begin, the Protocol will standardize APIs for the various components of its liquidity aggregator, allowing users to connect to any exchange using a single unifying "language." Code.

Additionally, JF will launch a marketplace for decentralized applications (dApps) based on its system.

The network of components that comprise our marketplace can be developed and enhanced by third parties, ensuring greater quality and availability of functionality. Developers can earn an income when others use their modules. They will be remunerated for providing this service to the ecosystem with JFT tokens. Participation in the JF ecosystem also has the benefit of sharing liquidity across the network and new exchanges.

JF is the first reference implementation of all of the core components of the Jupiter Finance Protocol, as well as being the first and major liquidity provider. Over time, more implementations will be added and will work in parallel to JF – improving reliability, performance, and stability of the protocol. The network of components that form our marketplace may be created and extended by third parties, guaranteeing higher quality and availability of functionality.

From a technical standpoint the Jupiter Finance Protocol complies with a micro services architecture in which all components are independent services or daemons that register themselves in the Jupiter Finance registry and are discoverable by clients. E.g. A price service for a new exchange is simply a standalone service with its own database that implements the standardized price module API, and adapts the API of that particular exchange, hiding any differences inside the module.

## **Jupiter Finance Protocol: components and modules**

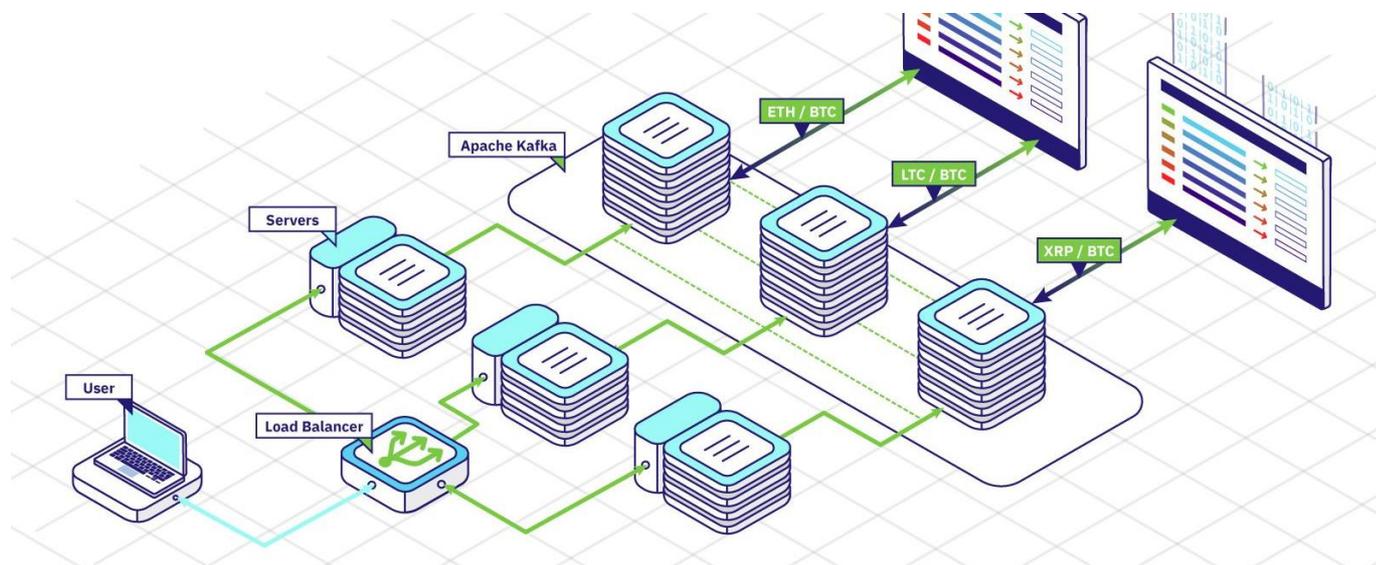
### **Order Matching Engine**

The task of the order-matching engine is to ensure that trades are executed at the best price by patronizing the lowest asks and highest bids across all available exchanges.

When a new order is created, the engine first tries to execute it on the internal order book. If this does not give the best price, it then uses data provided by a Price Discovery Module to find the exchange or exchanges to which the order should be sent to, depending on the required amount and the depth profile of each exchange.

The order is broken up and sent to the appropriate exchanges based on the findings of this analysis. To fulfil a big order, or an order for a less-popular pair, the trade will generally be

divided into tiny portions and spread across several exchanges; in other cases, one exchange may provide the best price for the quantity necessary. These deals are aggregated after a successful execution, and the customer is notified that the order has been completed.



### *Order split and smart routing*

Every order must comply with any one of the following statuses:

- New
- Accepted
- Filled
- Partially filled
- Cancelled
- Partially cancelled

### **Multi-Chain wallet**

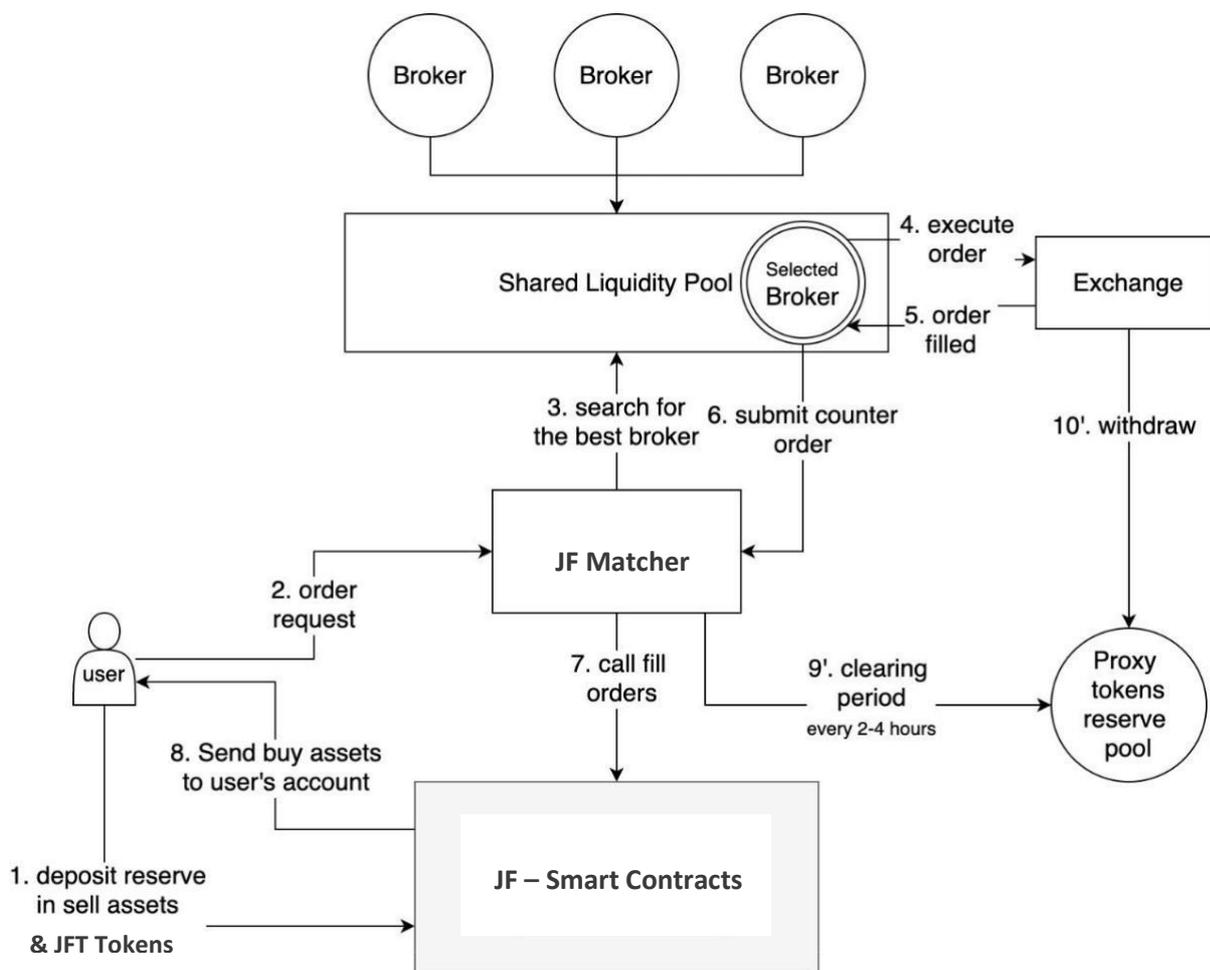
A multi-chained wallet narrates a collection of tools that are safely kept on the client's computer or mobile phone and provide a variety of cryptographic operations and blockchain connectivity. With the aid of the Jupiter Finance development community, new currency support will be implemented gradually but with a specified time line.

Our protocols will include a set of simple and user-friendly tools, such as currency deposit and withdrawal functionality, sending JFT tokens to the escrow smart account, signing DEX orders for exchange executors, and integration with a portfolio management module to provide a history of operations and calculate the cost and profit of trades.

## Decentralized Staking Program on JFT DEX

When a client using the protocol does not have enough cash on specific exchanges, they can borrow the required liquidity from a common pool. The Binance smart chain platform is employed as support to furnish all final payments.

When a pool receives a request to execute a certain order, it looks for the stakeholder(s) who are able to do so based on a variety of factors such as each stakeholder's rating, fees, and available money. Stakeholders use their accounts on the centralized or decentralized exchange to execute desired orders after they've been located. The order is guaranteed by a Smart Contract Escrow Account throughout execution, ensuring that the parties get the entire amount of the correct currency and the correct amount of the correct currency, meanwhile satisfying operational fees in JFT tokens.



Decentralized Staking with Exchange Smart Contract

The client first needs to deposit the necessary amount of the currency to sell and JFT tokens to the Smart Contract Account with a time lock. Within that amount, they can execute trades and create a portfolio.

All lenders provide their stake for overall liquidity (common pool). When they receive requests from the Order matching engine they execute trades on their own account on relevant exchanges. Lenders receive fees in JFT, when the initial request is fully closed. This can be done in two ways:

(a) The lender withdraws purchased currencies to an external address and gives proof to the Ethereum application verifying broker Smart contract addresses to unlock sale currencies and JFT tokens for commission fees using the transaction hash.

(b) The counter order is received, and the first open transaction is closed. The lender is then paid a commission in JFT.

## **dApps marketplace**

A wide variety of applications can be created for the Jupiter Finance Protocol, including apps for trading bots. The Protocol will be used extensively for every decentralized application in the marketplace. The first dApp running on the Jupiter Finance Protocol will be Jupiter Finance itself. Within Jupiter Finance's dApps, JFT will function as a utility token, being used to pay for all services, including for commission fees within our lending & staking model.

## Utility & Tokenomics

JFT as an asset runs on a coordinated proof of stake algo, creating paths for coin holders to receive dividends for staking their coins within our platform. The asset was deployed to meet up with the BEP20 - Binance smart chain framework.

Investors will be able to participate in our presale event which will take place during two (2) separate coordinated sales events respectively.

### Token Allocation

**Sale at PancakeSwap** – 30% - 300,000,000 @ \$0.00025

**Team** – 30% - 300,000,000 [**LOCKED – 9 Months**]

**Exchange List & CrowdSale** – 40% - 400,000,000

**Airdrop** – 3% - 30,000,000

As highlighted, JFT is fairly distributed amongst aspiring investors.

### Initial Alliance Partners

3% of JFT tokens will be airdropped to the initial JFT Partners in exchange for media interactions, bootstrapping the networks and providing liquidity on PancakeSwap & other aspiring partners.

### Core Team, Treasury & Advisor Allocation

30% JFT Tokens will be allocated to the core team of JF & earmarked for incentives (exchange integration, user yield, gas fee subsidization, synthetic liquidity pools, etc).

### Token Information

Token Type	Max and Circulating Supply
BEP-20	1,000,000,000 Max 400,000,000 Circulating
Token Code	Token Contract Address
JFT	<b>0xc27f02eb14c58971d47bba6214547e4c711a0346</b>

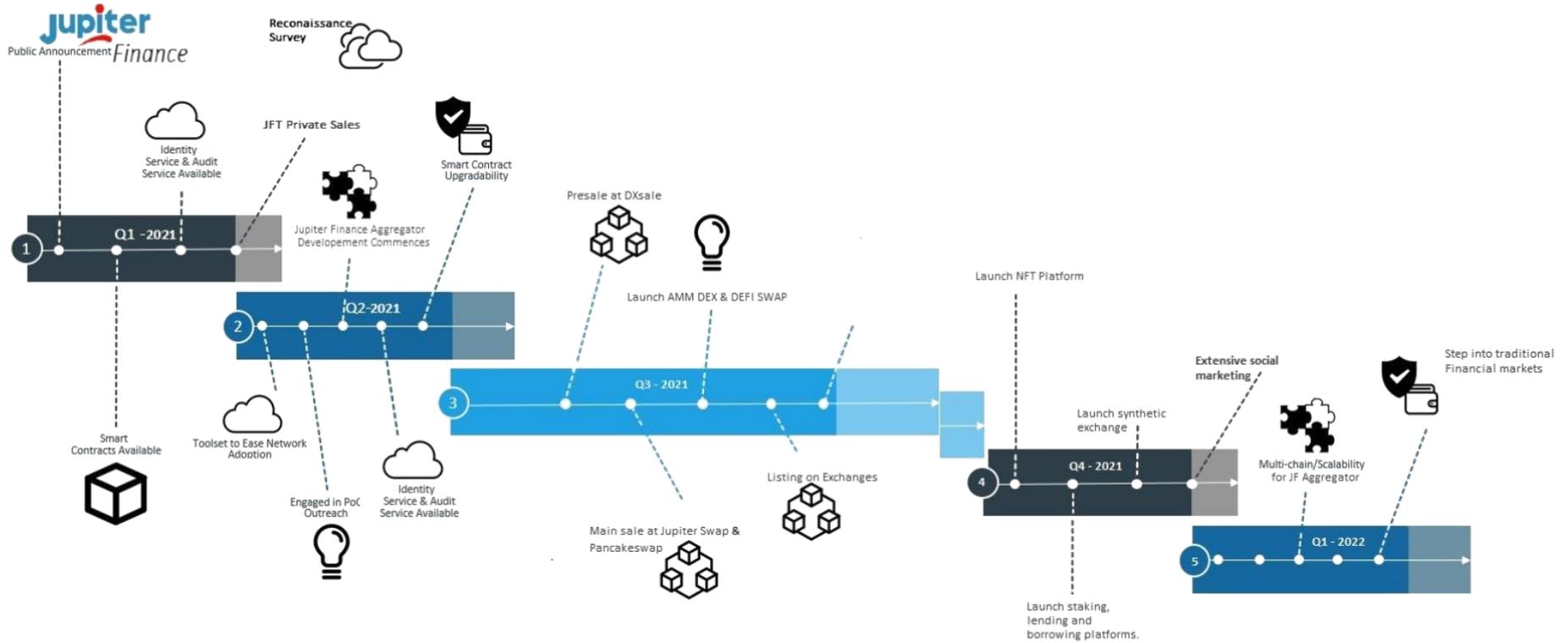
Jupiter Finance as an entity has been fashioned out to favor investors of current global foreign exchange markets and those in the future. We are entering the market with a utility for JFT coin.

- ✓ Pancake swap listing 8<sup>th</sup> Aug 2021.
- ✓ The full expression of interest phase (Main CrowdSale) will be conducted on JupiterSwap after launch.

Liquidity will be locked for 300,000,000 JFT at \$0.00025 for 2 years. As well, team reserved tokens which amounts to 30%, will be locked at trustlocker for 6 months.

# Development Roadmap

## Product Roadmap



## Legal and Regulatory

This whitepaper shall not be regarded as an invitation to enter into an investment. Again, we hereby make clear that this whitepaper does not in any way attempt to offer financial advice. It does not constitute or relate in any way nor should it be considered as an offering of securities in any jurisdiction. This whitepaper does not include or contain any information or indication that may be considered as a recommendation or that might be used as a basis for any investment decision.

Cryptocurrencies are still faced with vast adoption around the world, abstractly regulating their turnover. We therefore admonish our prospective users that we are not responsible for possible changes in the project in the event of possible restrictions on the activities of cryptocurrency projects of various jurisdictions of the globe.

Blockchain technology is still pretty innovative and has not yet been subjected to technical and legal settlements. We are not responsible for the possible adoption or rejection of our ideals by any country's laws in the field of blockchain technology regulation which are negative OR try to limit the swift development of Jupiter Finance.

Our team makes every effort to develop and make JFT tokens as formidable as it can ever be.

Investments in start-ups, cryptocurrencies and various coin sales are considered high-risk. There is no guarantee that you start getting your returns immediately.

The cryptocurrency industry in general has high volatility, and we warn you about possible losses in case of sharp fluctuations of cryptocurrency rates.

We shall not to be considered as an advisor in any legal, tax or financial matters. Any information within the whitepaper is provided for general information purposes only. Jupiter Finance does not provide any warranty as to the accuracy and completeness of this information.

Regulatory authorities are carefully scrutinizing businesses and operations associated with cryptocurrencies around the world. In that respect, regulatory measures, investigations or regulatory actions may attempt to impact JFTs business model or even

limit or prevent us from autonomous operations in the future.

Individuals who acquire JFT assets must be keenly aware of the JFT business model. This whitepaper or Terms and Conditions may change or need to be modified because of new regulatory and / or compliance requirements ensuing from applicable laws in all global jurisdictions.

## References

<sup>4</sup> <https://www.statista.com/statistics/596462/biggest-problems-cryptoexchanges/>

<sup>5</sup> <https://ciphertrace.com/q3-2019-cryptocurrency-anti-money-laundering-report/>