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WHITEPAPER

The first ever forecast market on base chain



BLIZERFI



BLIZERFI WHITEPAPER

FORCAST MARKET ON BASE CHAIN.

Blizerfi is a cutting-edge decentralized forecast betting platform built on the Base Chain, revolutionizing the way users engage with predictive markets. By leveraging the security, transparency, and scalability of the Base blockchain, Blizerfi enables users to participate in a wide range of forecast-based betting activities, all within a trustless and decentralized environment.:

Traditional betting platforms often suffer from issues such as lack of transparency, centralized control, and high fees. Blizerfi eliminates these concerns by employing smart contracts to ensure fair and automated execution of betting outcomes. All transactions and predictions are recorded on-chain, offering complete transparency, immutability, and verifiability.

Blizerfi is designed for users who want to bet on the outcome of events spanning various sectors, including sports, finance, weather, and entertainment. The platform offers a seamless user experience, enabling participants to place bets, view real-time odds, and receive instant payouts in a decentralized, peer-to-peer manner.

With the goal of democratizing predictive markets, Blizerfi combines the excitement of betting with the power of decentralized finance (DeFi), allowing users to earn rewards and gain exposure to a variety of markets while maintaining complete control of their funds. By integrating innovative features such as tokenized betting positions, user-friendly interfaces, and low transaction costs, Blizerfi is poised to reshape the future of forecast-based betting.



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Executive Summary

Building a decentralized, ethical, and forecast protocol, blizerfi's goals are to be community-driven, intuitive to use, and financially empowering. blizer is joining the biggest evolution of bet in blockchain history.

By enabling users to bet on outcomes across a wide range of sectors, including sports, financial markets, weather events, and entertainment, Blizerfi opens up new possibilities for decentralized participation in global forecasting. The platform empowers users to seamlessly place bets, view real-time odds, and receive automatic payouts without the need for intermediaries or centralized authorities.

Blizerfi's core value proposition lies in its decentralized nature, where users maintain full control of their funds and benefit from transparent, on-chain betting outcomes. Built on the highly scalable and secure Base blockchain, the platform offers low transaction fees, ensuring an efficient and frictionless experience for users.

Key features include: -

- Smart Contract-Powered Betting: Automates the execution and settlement of bets, ensuring fairness and transparency.
- Multi-Sector Forecasting: Bet on events in various sectors, including sports, finance, and entertainment.
- Decentralized Control: Users retain full ownership of their assets without reliance on centralized platforms.
- Instant Payouts: Winnings are automatically distributed to users' wallets via smart contracts.
- Stake to create polls and earn revenue share

Blizerfi is positioned to capitalize on the growing interest in decentralized finance (DeFi) and the global forecast betting market. As more users seek trustless alternatives for participation in betting and prediction markets, Blizerfi offers a streamlined and innovative solution. The platform aims to attract both traditional bettors and crypto enthusiasts, providing them with a seamless, transparent, and secure betting experience



Scorecad

START DATE

september-2024

TYPE

Decentralized forecast Protocol

TEAM

7

LOCATION

Singapore/Cayman Is.

TOKEN TICKER

BLIZ

ENGINEERING

bliz Labs Pte. Ltd., Singapore

BLOCKCHAIN

BASE chain

GOVERNANCE

BLIZ Foundation, Cayman Is.

TOKEN TYPE

Deflationary

TOTAL TOKEN SUPPLY

1,00,000,000

PRODUCTS

Decentralized &
Trustless Betting
low fees

KEY BENEFITS

Non-custodial
Trustless
Composable
Censorship resistant
Non-US based entity

WHAT MAKES BLIZ DIFFERENT?

Blizerfi offers a decentralized betting platform with several key features:

- 1.Decentralization: Operates without trust in a centralized platform, using smart contracts for a trustless environment.
- 2.Multi-Sector Forecasting: Users can bet across various sectors, not just sports, increasing engagement.
- 3.Base Chain Integration: Built on Base Chain for better scalability and lower fees compared to congested platforms like Ethereum.
- 4.Tokenized Betting Positions: Users can trade or hold betting positions, enhancing liquidity and earning potential.
- 5.Community-Driven Governance: Users participate in decision-making, contrasting with traditional top-down control.

Integration with DeFi Ecosystem: Allows users to stake or trade winnings in DeFi



What We Stand For

BLIZ's Mission

To level the economic landscape of the world, by building and providing easy access to Decentralized betting products for the 99% of the global population.

At Blizerfi, we stand for transparency, fairness, and empowerment in predictive markets. Our platform is designed to create a decentralized and trustless betting experience that eliminates the barriers and inefficiencies of traditional betting systems. By leveraging blockchain technology, we aim to provide our users with full control over their funds, ensuring every bet and payout is fair, secure, and verifiable..

BLIZ's Vision

Self-sovereign betting Tools

Our vision is to envisions becoming the leading decentralized forecast betting platform, where users from all over the world can participate in a transparent, secure, and decentralized manner. Our vision is to redefine the way predictive markets operate, removing the reliance on centralized intermediaries and providing a trustless platform that is accessible to everyone.

BLIZ Values

- Safety
- Community
- Empowerment
- Access

BLIZ is a community that is working towards a better future where the financial world is transparent and accessible to all. We are building products that everyone in the world can use. In addition, our products can integrate with other DeFi protocols to create new innovative solutions. It is a movement that is open to all BLIZ is a protocol that will give users control of their financial bet-hoods.



Background

Blizerfi was born out of a growing need for transparency, fairness, and decentralization in the global betting industry. Traditionally, betting platforms have been centralized, leading to issues such as lack of transparency, high fees, delayed payouts, and a reliance on intermediaries. These issues have created barriers to trust and accessibility, limiting participation and causing frustration among users.

In recent years, the rise of blockchain technology and decentralized finance (DeFi) has disrupted traditional industries by introducing new paradigms of transparency, user control, and trustless transactions. Forecast betting markets, however, have been slow to fully embrace these innovations. Blizerfi was conceived to fill this gap by creating a platform that leverages the power of blockchain to provide a trustless, decentralized, and scalable solution for forecast betting.

The Blizerfi platform is built on the Base Chain, a highly scalable and efficient blockchain that supports smart contracts and low-cost transactions. This choice of blockchain allows Blizerfi to offer users a seamless, low-fee betting experience with fast and secure transactions.

The development of Blizerfi was driven by a team of blockchain enthusiasts, developers, and betting industry experts who recognized the untapped potential of decentralized technologies in forecast betting. By combining their expertise, they envisioned a platform that could empower users, giving them full control of their funds and bets while ensuring transparency through immutable, on-chain transactions.

The core mission of Blizerfi is to provide users with a platform that eliminates the inefficiencies and risks associated with centralized betting while offering a diverse range of forecasting markets, including sports, finance, weather, and entertainment. This diversity allows users to engage in markets they are most familiar with, broadening the appeal of the platform and creating new opportunities for participation and growth.

- Current marketcap shows that crypto marketcap will surpass the marketcap of gold (~\$10 trillion) during the next five years.⁵
- Crypto holders have more than tripled world wide to more than 500million
- Currently, the cryptomarket capitalization is over \$1trillion
- The majority of investors are retail investors as opposed to institutional investors
- While retail institutions have been slow to adopt crypto, private financial firms are adopting it quickly, particularly in the tokenization of assets.^{9 10}

- The pre dominant characteristic of crypto investors is to have long positions
- 53% of investors have an annual income of less than \$80kUSD
- 33% of crypto investors have more than 50% of their portfolio in crypto assets

In today's market, users typically sell their crypto for fiat to pay everyday living expenses. Doing this eliminates the growth potential of their crypto positions and can trigger a capital gains tax event. Having the ability to borrow fiat against crypto positions is the first step in building an effective capital-efficient alternative.

The crypto market has sustained high growth and high yields over the past four years, but now that the bear market has set in, money market yields are increasing and crypto yields are falling.^{13 14} As the market goes into decline, it's more critical than ever for users to be able to access fiat liquidity backed by their crypto holdings. In a bear market, trading volumes are depressed, meaning there are more opportunities for crypto holders to stake their assets and earn a yield.

Millennials and Gen Z will become a more significant force in the economy in the next five years. The under-18 generation as well as millennials see crypto as a practical alternative to fiat.¹⁵ This popularity helps to fuel the widespread adoption of betting



BLIZ Product Market Fit

PROBLEM

Access to cash from crypto If an investor wants to gain access to fiat from their crypto position, they must exit part of their crypto position, pay a capital gains tax, and will no longer have exposure to the price appreciation of their crypto.

Expensive & Tax Inefficient

SOLUTION

Crypto-bet oriented loans bliz-collateralized loan makes sense because the investor can still realize the gains in the crypto while betting asset and has no exposure to capital gains.

Cheap & Tax Efficient

Crypto-rich but cash poor The rise of crypto has led to a great deal of wealth accumulation with limited liquidity and access to fiat currencies. Holders of these assets expect large gains as the market grows and matures. As a result, people want to maintain their long positions.

Capital Inefficient

Stake and get revenue users can stake their holdings to create a pool and earn 50% of fees while more number of users bet on their pool

Lack of trust and transparency

The centralized solutions for crypto-BET have proven to be very risky. Users use their assets to bet on a centralized betting platform that has a low win rate algorithm

Centralized BETS ARE Risky

Capital Efficient Blockchain smart contracts

Utilizing BASE smart contracts, and deploying them to a blockchain creates transparency. This allows users to review the code before they decide to interact with the protocol. Users can see exactly where their funds are going, and what positions they are interacting with, and this is possible without the users having to give away their private keys. Any changes to the protocol must be in the form of a proposal followed by a vote by the users. This transparency increases real-time accountability.

Decentralized & Transparent

Inefficient on/off ramping of assets

Various crypto exchanges offer the ability to exchange digital assets. The problem comes when the user wishes to exchange to fiat. The process is quite arduous and filled with fees at different checkpoints along the way.

Inefficient & Slow

Instant access to cash Users of bliz can gain access to cash instantly from their crypto because we will integrate ramps all over the world.

Fast & Methodical



BLIZERFI BUSINESS MODEL

- **BLIZERFI** business model revolves around several core operations: BET,STAKE,CREATE POLL,REVENUE SHARE,LOW FEE BLIZ Vaults, Blizer.FI, Bliz Web, Mobile, and API. These components together form a cohesive ecosystem that facilitates a seamless and robust DeFi like betting experience for users. The core utility token of the Blizerfi platform, used for placing bets, governance participation, staking, and earning rewards.
- Betting Discounts: Users holding BLIZ tokens receive discounts on betting fees, incentivizing token acquisition and retention.
- Staking and Rewards: Users can stake BLIZ tokens to earn platform fees, participate in governance decisions, and receive bonuses.



Base chain

Base Chain is designed to handle a high number of transactions per second (TPS), which is crucial for a betting platform where many users place bets, interact with smart contracts, and claim rewards simultaneously. The scalability ensures smooth operations even during periods of high activity, such as major sporting events or financial market movements. One of the key challenges with blockchain-based platforms like Ethereum is high gas fees, which can make frequent betting costly and deter users. Base Chain, by design, offers significantly lower transaction fees. This ensures that users can place bets, claim rewards, and interact with the platform without the burden of high gas fee Fee Efficiency: Lower fees allow Blizerfi to remain competitive and accessible, especially for micro-bets and low-stake users, widening the appeal to a global audience

blizer.FI

In Blizerfi, the "Fi" stands for Finance, specifically referring to Decentralized Finance (DeFi). This indicates that Blizerfi integrates financial services into its forecast betting platform, using blockchain and smart contract technology to remove intermediaries and provide a transparent, trustless environment. By including "Fi" in the name, Blizerfi emphasizes that it's not just a regular betting platform but one that incorporates financial instruments, decentralized features, and innovative financial mechanics like:

- Crypto-collateralized bets
- Yield farming and staking opportunities
- DeFi liquidity pools
- Decentralized governance (DAO)



Products & Services

bliz comprehensive offering serves as the bedrock for crypto users to maximize the potential of their betting assets. This encompasses:

Multichain Non-Custodial Wallet with Integrated Bridging A feature-rich wallet that enables seamless handling and movement of crypto across different blockchains to base.

bliz-Wallet (upcoming) empowers users to stake their crypto assets within the wallet itself, generating a yield. Our aim is to provide staking solutions for key tokens within the base ecosystem.

Yield-Generating Asset Supply offers the capability to supply assets and earn higher yields on the deposited crypto holdings.

Crypto/Fiat Betting available in both crypto and fiat currencies.

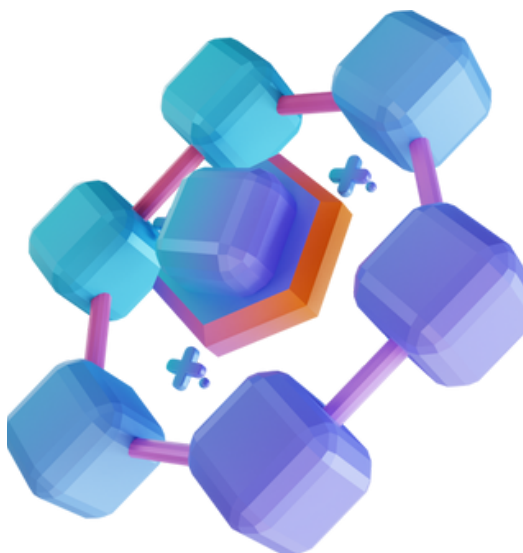
Fiat-to-Crypto Swaps and On/Off-Ramping after and before bets to bring efficient and flexible liquidity management through support for converting fiat currencies to crypto and vice versa. These foundational services are our primary focus, and once deployed, we will build upon them to offer more sophisticated solutions that yield even higher returns. Our ultimate goal across all bliz products and services is to ensure a globally accessible platform with no barriers to entry or biases based on gender, age, nationality, or religion to bet.

CROSS-CHAIN OFFERING

As Blizerfi evolves, its vision is to become a truly cross-chain platform, integrating multiple blockchain networks to offer users seamless access to decentralized forecast betting and DeFi services. The goal is to expand beyond the Base Chain, tapping into the growing ecosystem of blockchain networks to enhance accessibility, liquidity, and user experience.

security while betting

Blizerfi's Security While Betting: Ensuring a Safe and Trustless Environment Security is paramount to Blizerfi, especially when handling users' funds, smart contracts, and real-time betting outcomes. To ensure that users can engage in decentralized forecast betting with confidence, Blizerfi integrates several layers of security mechanisms to protect both the platform and its users.



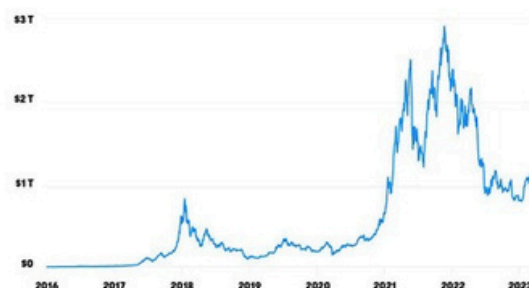


The Market

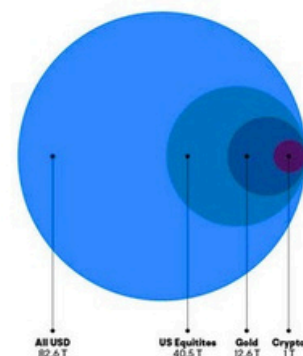
The target customer for the MELD protocol includes any crypto user regardless of size and sophistication. The crypto market is growing fast, adoption is happening across all demographics, and some of the fastest is among the youngest (under 18). The growth is phenomenal, but the innovation and sophistication are equally stellar. The tools available to this market have historically only been for the very few and privileged, but are now available for ordinary people, globally, 24 hours a day, seven days a week.

- **480 million crypto users worldwide 56% of crypto investors**
- **never use their tokens to pay for goods or services and like to take lucky bet**
- **Almost 20% of crypto users younger than 18-20**
- **30% of crypto investors are between 25 and 34**
- **More than half of crypto investors have higher education(BS,MS, Ph.D.)**
- **Millennials trust Bitcoin**
- **Almost 20% of crypto investors hold \$100,000 worth of BTC or more**
- **2024 survey of over 60,000 users worldwide shows 97% confidence in crypto**
- **More than 70% of users see themselves as degens**
- **Most crypto investors are HODLers**

MARKET CAP



RELATIVE SIZE



The total crypto market capitalization peaked at \$2.6 trillion on May 7, 2021, and is expected to more than quadruple by 2025 as a result of blockchain integration into various industries.



Our Users

Representing a broad swath of society, our users are anyone actively exposed to crypto ranging from a Nigerian shopkeeper that has .05 BTC to a successful crypto business with more than \$100m in assets to a traditional institution looking to create new revenue centers. Everyone needs fiat to live, work and play, and crypto holders need it even more because they typically invest a great deal in crypto assets at the expense of fiat liquidity.

Primary

The primary focus of Blizerfi is to create a decentralized forecast betting platform that integrates advanced DeFi mechanisms, offering users a secure, transparent, and innovative betting experience. growing, but the demographic is unique in the use of financial products. About 20% of the investors are under 18 years old, and the fastest-growing segment is women. Just in BTC, more than 25 million addresses are economically active wallets held by private individuals. Millennials and younger are more inclined to trust crypto than fiat currency. We see a general shift toward digital and more specifically decentralized crypto as faith in classical sovereign fiat fades.

Crypto Investors

Cryptocurrencies and their use in the financial markets throughout betting have seen market adoption expand at an ever-increasing pace since the summer of 2020. The appreciation of crypto assets over the past few years has resulted in investors gaining a significant amount of value, and they see this rise continuing over the next 5 years. As a result, crypto investors are unwilling to spend or sell their crypto positions. This attitude in the market creates a need for investors to unlock some of the value in their investments without either triggering a tax event or liquidating their positions.

Venture Capitalists

Crypto miners are key actors in the crypto ecosystem. Miners validate transactions on various blockchains such as Bitcoin and Ethereum to earn rewards for their service. As a result, a great deal of wealth is accumulating among miners. Like investors, miners are unwilling to spend their crypto due to their bullish attitude toward the market. While miners also have a need for disposable fiat, currently they also have a need to cover operations and expansion of their mining operations through CAPEX and OPEX costs. but here on blizerfi users can bet and earn revenue at the same time

Crypto Businesses

Crypto businesses need fiat capital to be able to operate and handle day-to-day expenses. These businesses typically have large balances in crypto,



Technology

Blizerfi leverages cutting-edge blockchain technology and smart contracts to power its decentralized forecast betting platform. Below is a detailed explanation of Blizerfi's technology stack and how it functions through smart contracts:

- When a user places a bet on Blizerfi, they interact directly with a smart contract for the chosen event (e.g., a sports match or financial prediction).
- The user deposits cryptocurrency (like BLIZ tokens or supported stablecoins) as a wager, and the smart contract locks this deposit in escrow.
- Each bet is represented by a transaction on the blockchain, ensuring that it is transparent and irreversible

Oracles: Data Accuracy

- Blizerfi integrates decentralized oracles (like Chainlink) to feed real-time data from external sources into smart contracts. This is essential for accurate event outcomes, such as sports results, financial markets, and weather data. Oracles provide the real-world information
- needed to resolve bets in a decentralized manner without relying on a single source.

Our Approach

Usability

Blizerfi's usability is centered around a simple, intuitive interface, seamless wallet integration, and cross-chain compatibility, ensuring that users can easily place bets, manage funds, and interact with decentralized betting markets with minimal effort and technical expertise.





Risk Management

Our Blizerfi's risk management model is a comprehensive framework designed to ensure the security and stability of its decentralized betting platform by addressing financial, operational, and systemic risks. It employs crypto-collateralization to mitigate financial exposure by requiring users to lock assets against their bets, while dynamic odds adjustment and liquidity management help maintain balanced betting pools and ensure prompt payouts. Operationally, Blizerfi focuses on rigorous smart contract audits, the integration of decentralized oracles for accurate event data, and robust user security protocols through non-custodial wallets. To combat systemic risks, the platform diversifies its betting markets, maintains an insurance fund for user protection, and incorporates decentralized governance, allowing the community to participate in decision-making. Continuous monitoring through data analytics, user feedback, and established crisis management protocols further enhance Blizerfi's adaptability and responsiveness to emerging risks, fostering a secure and trustworthy environment for its users.

- Age of the token in the market
- DEX the token is traded on
- Depth of liquidity in each of the DEX
- 24-hour trading volume of the token
- 24-hour price fluctuation of the token
- Veracity of token trading or how many tokens are traded
- Velocity of, a trade more how long does a trade take time
- Number of token holders
- Token circulating supply

At Blizerfi, the utilization of data is intricately linked to managing liquidations within the decentralized betting ecosystem. When evaluating the risks associated with betting positions, tokens with deep liquidity pools and high 24-hour trading volumes allow for easier liquidation of bets, enabling users to close out positions efficiently. This means that the liquidation thresholds can be set higher, allowing users to leverage more against their assets. In contrast, assets with low price fluctuations, such as stablecoins, can support higher borrowing limits due to their stability, which mitigates the risk of sudden losses. Each of these parameters plays a critical role in protecting users from overextending themselves and taking on excessive risk while ensuring that Blizerfi maintains a healthy balance of liquidity, yield, and liquidations, thereby preventing the accumulation of debt within the protocol.

Auditing

We individually test all our smart contracts before deployment, via testnet, and on a private blockchain. We also work with reputable blockchain-related companies to further help us perform smart contract audits.

Once we deploy the audited smart contracts we gather data on what's happening in real-time and how users are interacting with the smart contracts. We utilize historic data to



Customer Acquisition

Blockchain's mainstream moment will come, not when people understand how it works, but why they need it. BLIZ takes you on a quantum leap into a new paradigm where the old rules of betting no longer exist.

Not only will bliz recruit customers from existing crypto holders, but we will also take an active role in bringing new players to the crypto/blockchain ecosystem by giving them a way out of their financial worries. Our strategy consists of 4 main components:

Building a strong community

Our focus on building the community will serve to both create the first layer of customers ready to use bliz once it is operable and secondly as ambassadors & cheerleaders in spreading the word. The community building will be spearheaded by creating stakeholders through the Initial Stake Pool Offerings (ISPO) and referrals.

Strategic Partnerships

We have already partnered with other crypto/blockchain platforms that will include MELD as a financial product for their customers. In addition, we will be partnering with centralized exchanges to have MELD listed on their trading platforms and provide these exchanges access to our borrower LPs. This will increase capital efficiency, provide better margin offerings to their users, and provide MELD fiat lenders with better interest rates. We will continue this approach so as to benefit from easy access to large user and customer bases.

Influencer & Content Marketing

We will use both influencer and content marketing to first create attention about the ISPO, build the community, and acquire further customers. Our influencer marketing approach will cover both the use of crypto influencers as well as ensuring crypto thought leaders & celebrity endorsements. This includes sponsorships of podcasts & YouTube channels and cooperation with Twitter, YouTube, and TikTok influencers. In addition, we will focus on influencers with personal finances that operate outside the crypto sphere. Our content marketing will equally be focused on both the specialized crypto media as well as the mainstream press. It will also drive traffic through SEO linking to our own domain ensuring that we attract the customers actively searching the net for crypto betting.

Democratization of Financial Tools

As part of our mission to convert the general public into crypto holders we will be running more traditional-based marketing campaigns to educate them about the benefits of blockchain technology for their financial situation. In the way that the mass adoption of the internet came when people understood, not how it worked, but why it was a benefit to them, we will be highlighting how blockchain technology and its financial benefits can change people's lives.



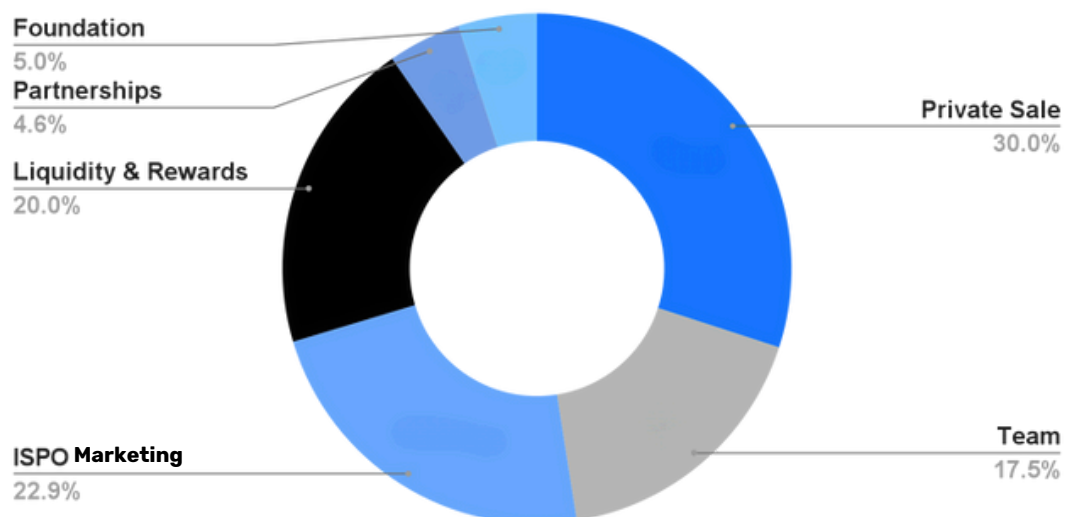
Tokenomics

BLIZ Token

The BLIZ token is a multi-purpose token on BASE chain, Its core functions are:

- fair decentralized betting
- Protocolgovernance
- Incentivization
- Protocolinsurance

Our token is the medium of exchange under the blizerfi protocol and base Blockchain. Token holders are given incentives to not only utilize their BLIZ tokens when desirable but maintain a minimum balance to maximize their future earnings under the protocol. To maintain holding utilization, staking provides an annual percentage yield (APY), and fee reductions further strengthen the functions of BLIZ as a utility for betting and long-term appreciation. Once reaching a significant milestone of decentralization, introducing protocol governance requires maintaining at least a certain fraction of total supply. The protocol has a fixed supply of 100 million tokens with deflationary mechanisms. The initial distribution is:



Revenue Structure

The bliz protocol collects fees for various types of economic activity throughout the BlizerFI ecosystem. These fees or revenue go to the BLIZ DAO treasury to pay for development, operations, insurance, block rewards, infrastructure, and other costs involved in operating a decentralized protocol and blockchain. The numbers below are subject to change based on risk modeling and commercial agreements.

- 3% betting fees to open and close
- 3% token tax used for buy back and burn
- stakers can create poll and get 50% revenue
- 100% betting reward credits to users
- anti mev bets
- 5% monthly event rewards from revenue
- 20% fiatliquidity fees for instant settlements

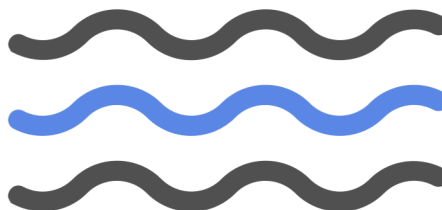


Limitations

“The only function of economic forecasting is to make astrology look respectable.”

John Kenneth Galbraith (economist, bestselling author)

It is important to note that the blockchain and crypto space is still very new. There is very little historical data, past performance results, or academic research on the topic of crypto when compared to the historical data available for standard stocks and equities, let alone the lack of data available for tokenization, economics, and long-term valuations of these digital assets. Stocks (equity) have been around since the early 1600s, and it is only in the past 100 years that we have begun to have more comprehensive and widely accepted valuation models. However, they are still subject to bias and interpretation and suffer from their inputs' quality. On the other hand, Cryptocurrencies have been around since 2008, with a broader recognition around 2016 and an explosion in the number of tokens in 2017. As such, it is way too early to evaluate or comment on the performance, monetary policy, and models behind any of them. As a result, we prefer to rely on sound economic principles backed by data and reasonable assumptions. Furthermore, any financial projections should generally be treated as a target rather than a prediction. Their purpose is to ensure that the project has sensible and achievable goals, and upon reaching those goals, the rest of the numbers would add up and make sense. On the other hand, they cannot predict the future nor account for all possible variables and scenarios with any reasonable degree of certainty. The overall goal of this document is to provide a framework that can be used to evaluate the underlying economic principles behind a blockchain project, and upon doing so, we can compare the project to other similar ones in the market to try to determine the likelihood of the success of bliz. Finally, it is important to note that this is an early draft and is meant to be a living document to be updated as we learn more about the space and as it evolves. We are open to suggestions, corrections, and constructive criticisms and feedback.





DISCLAIMER

Please read this section of the document carefully. consult legal, financial, tax, or other professional advisors; if you are in any doubt about the action, you should take. this document's information may not be exhaustive and does not imply any elements of a contractual relationship or obligations. while we make every effort to ensure that any material in this document is accurate and up to date, such material in no way constitutes professional advice. we do not guarantee nor accept any legal liability arising from the accuracy, reliability, currency, or completeness of any material contained in this document. no part of this document is legally binding or enforceable, nor is it meant to be. the author developed this document based on an evaluation method generally accepted by the crypto community (quantity theory of money and discounted cash flow analysis) and relies on a generally accepted school of economic thought (monetarist school of economics). it is important to note that the blockchain and crypto area is still very new. there is very little historical data, past performance results, or academic research on the topic of crypto when compared to the historical data available for standard stocks and equities, let alone the lack of data available for tokenization, economics, and long-term valuations of these digital assets. stocks (equity) have been around since the early 1600s, and it is only in the past 100 years that we have begun to have more comprehensive and widely accepted valuation models. however, they are still subject to bias and interpretation and suffered from their inputs' quality. on the other hand, cryptocurrencies have been around since 2008, with a broader recognition around 2016 and an explosion in the number of tokens in 2017. as such, it is way too early to evaluate or comment on the performance, monetary policy, and models behind any of them. as a result, the author of the current document prefers to rely on sound economic principles backed by data and reasonable assumptions. furthermore, the current model relies on several assumptions, forecasts, and requirements explicitly specified by the company behind the token offering. as such, this model is only as good as those assumptions are. any significant deviation from the input numbers would subsequently impact the outputs of this model. the model presented here aims to provide a fair token price valuation based on the merits of the business behind it (as far as they are known/estimated at the time of the creation of this model) and cannot account for any possible speculative actions and market manipulation by any party as well as for irrational market behavior. none of the information or analyses in this document is intended to provide a basis for an investment decision, and no specific investment recommendation is made. this document does not constitute investment advice or an invitation to invest in any security or financial instrument. no regulatory authority has examined or approved any of the information set out in this document. no such action has been or will be taken under the laws, regulatory requirements, or rules of any jurisdiction. you acknowledge and agree that you are not using the information in this document for purposes of investment, speculation, as some type of arbitrage strategy, for immediate resale, or other financial purposes. some of the document's statements include forward-looking statements that reflect our current views concerning execution roadmap, financial performance, business strategy, and plans. all forward-looking statements address matters that involve risks and uncertainties and do not guarantee that these results will be achieved and may lead the actual results to differ materially from those indicated in these statements. no statement in this document is intended as a profit forecast. given that the "regulations" for crypto in most countries at best are highly ambiguous or completely non-existent, each buyer is strongly advised to carry out a legal and tax analysis concerning the purchase and ownership of crypto and tokens according to their nationality and place of residence. everything in this document is the author's own work, with external sources and references provided where appropriate. some parts of this document, on non-project-specific texts, charts, graphics, and formulas, might be identical with other documents produced by the same author. these include but are not limited to the explanation of some formulas, modeling techniques, economic theories, and policies.