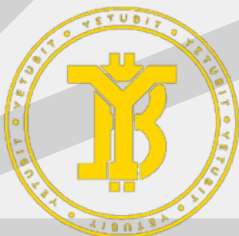

KWANZAX

ZIMBO

KWANZA
STABLECOIN



YETUBIT

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1. INTRODUCTION

What is a Stablecoin?

A **stablecoin** is a type of cryptocurrency designed to minimize price volatility by pegging its value to a stable asset, such as fiat currency or commodities. Stablecoins serve as a bridge between traditional financial systems and the decentralized world, combining the stability of fiat currencies with the efficiency of blockchain technology.

The Role of Stablecoins in Modern Finance

Stablecoins play a crucial role in remittances, e-commerce, and decentralized finance (DeFi). Their ability to provide liquidity without the volatility associated with cryptocurrencies like Bitcoin makes them essential tools for financial inclusion.

History of Blockchain and Stablecoins

Blockchain technology, the revolutionary distributed ledger system, began with Bitcoin in 2009.

Over the years, blockchain has expanded beyond cryptocurrencies to applications in finance, healthcare, and supply chain management.

Stablecoins emerged as a solution to cryptocurrency volatility, with the first examples appearing around 2014.

2. ABOUT ZIMBO

What is ZIMBO?

ZIMBO is a digital **stablecoin** pegged **1:1** to the **Angolan Kwanza (AOA)**. It combines the stability of fiat currency with the transparency and efficiency of blockchain technology. Built on the **BASE Blockchain**, ZIMBO offers a secure, decentralized, and scalable digital solution for the economy.

ZIMBO's Vision and Mission

ZIMBO's mission is to revolutionize the Angolan financial system by introducing a digital currency that promotes inclusion, transparency, and innovation. ZIMBO aims to internationalize the Angolan Kwanza and empower individuals and businesses with a reliable digital currency.

Since it is pegged to the Kwanza, ZIMBO also aims to serve as a gateway for Angolans to the cryptocurrency market. It enables users to purchase Bitcoin, Ethereum, Solana, and other cryptocurrencies using Kwanza at the official BNA exchange rate.

Technological Foundation: **BASE Blockchain**



ZIMBO operates on the **BASE Blockchain**, a secure and efficient platform that ensures real-time transactions and data integrity. By leveraging BASE's capabilities, ZIMBO guarantees scalability and interoperability with other blockchain networks.

BASE is a Layer 2 blockchain designed to enhance the Ethereum network, offering a scalable, efficient, and cost-effective environment for decentralized applications (dApps). Developed and supported by Coinbase, one of the largest and most trusted cryptocurrency exchanges, BASE has quickly gained the attention of the blockchain community.

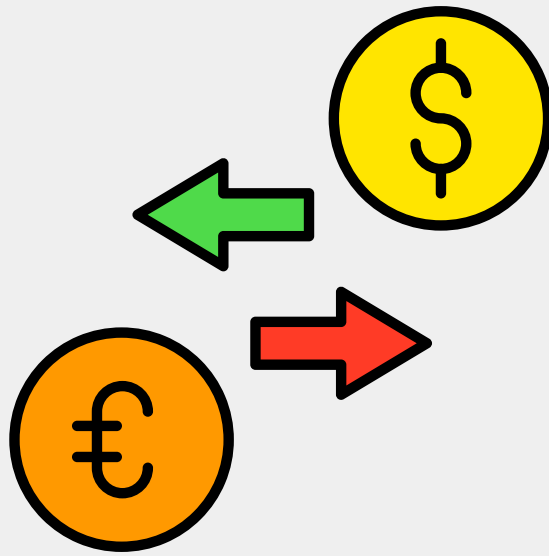
The involvement of Coinbase in the Base project is a significant factor that adds credibility and resources to the initiative. By leveraging Coinbase's extensive infrastructure and user base, Base aims to provide an integrated experience for developers and users.

Base ranks second in Total Value Locked (TVL) among Layer 2 solutions, capturing approximately 30% of the market share, with a TVL of around \$12.5 billion (according to CoinMarketCap).

Furthermore, it boasts the highest Transactions Per Second (TPS) rate, with an average of 30.36 TPS, making it the fastest Layer 2 network available. These achievements highlight Base's potential to become a dominant player in the blockchain ecosystem.

For these reasons and more, we have chosen BASE as the launch platform for ZIMBO. We believe that BASE has all the tools needed to support the scalability of our stablecoin.

3. Use Cases of ZIMBO



Remittances

ZIMBO provides a fast and cost-effective solution for international money transfers. Angolan expatriates can send funds home without relying on expensive intermediaries, while local users can transact internationally with ease.

One of ZIMBO's main objectives is to contribute to the elimination of the secondary foreign exchange market in Angola, commonly known as "Kinguilas."

This means that Angolans will be able to send money abroad within seconds while always using the official exchange rate set by the BNA. This avoids speculation by consistently adhering to the official rate provided by the National Bank of Angola.

To achieve this, ZIMBO can be used by both individuals and organizations for their daily transactions, whether local or international.

Staking

Staking is the process of allocating and "depositing" your digital assets on a blockchain platform to support its operations, such as transaction validation. In return, participants receive rewards in the form of additional tokens or interest. This mechanism has gained popularity in the cryptocurrency space for its ability to provide passive income while strengthening the network's infrastructure.

Staking with ZIMBO

With ZIMBO staking, users can:

- **Generate Passive Income:** By depositing their ZIMBO into smart contracts, participants receive rewards calculated based on a fixed annual percentage (to be defined by ZIMBO governance).
- **Strengthen Ecosystem Liquidity:** Tokens allocated for staking help stabilize market circulation and provide liquidity for financial operations within the ecosystem.
- **Invest in Reserve Assets:** Staking reserves can be directed towards investments in Angolan and international treasury bonds, generating returns that support the stablecoin's growth.

Advantages for Users:

- A low-risk alternative for asset growth.
- Participation in an innovative digital financial system.

Peer-to-Peer (P2P) Payments

Peer-to-peer (P2P) payments enable individuals to transact directly with one another without intermediaries such as banks or centralized payment services. With blockchain technology, P2P transactions are fast, transparent, and cost-effective.

P2P in the ZIMBO Ecosystem

ZIMBO maximizes the benefits of P2P transactions through:

- **Instant Payments:** Transactions are confirmed within seconds, thanks to the efficiency of the BASE Blockchain.
- **Reduced Costs:** Transaction fees are minimal, costing less than 1 cent, making payments accessible to everyone.
- **Privacy and Decentralization:** By eliminating intermediaries, users retain full control of their finances.

Everyday Applications



- Transfers between family and friends.
- Direct payments for goods and services.
- Cost-effective and fast exchanges within local and international communities.

Digital Payments

Digital payments involve using technology to conduct financial transactions on online or mobile platforms. With the rise of e-commerce and digital wallets, they provide a secure and efficient alternative to physical cash.

Digital Payments with ZIMBO

ZIMBO offers a reliable solution for businesses and consumers:

- **Simple Integration:** Businesses can integrate ZIMBO into their websites and apps to accept payments in a stable and reliable stablecoin.
- **Fraud Reduction:** Thanks to blockchain transparency, transactions are immutably recorded, reducing the risk of fraud.
- **Smart Contract Compliance:** ZIMBO can be used in smart contracts, enabling automated payments for subscriptions, services, or product delivery.

Impact on Angolan Commerce

- Local businesses can reach global markets with the ZIMBO digital currency.
- Consumers gain access to a safer alternative to traditional payment methods.

Lotteries and Gaming

Gaming and lottery platforms face challenges such as lack of transparency and slow transactions. Blockchain offers a secure solution, ensuring that results are fair and immutable.

ZIMBO in Lotteries and Online Gaming

With ZIMBO, gaming platforms can:

- **Ensure Transparency:** The use of smart contracts to determine winners guarantees fairness and eliminates fraud.
- **Offer Instant Payments:** Players can deposit and withdraw ZIMBO in real-time.
- **Enhance Accessibility:** With ZIMBO's compatibility with digital wallets, players enjoy a simplified user experience.

The Official ZIMBO Lottery

YETUBIT plans to launch an official lottery where:

- Users can purchase tickets using ZIMBO.
- Winners are selected through a blockchain-based draw, ensuring fairness.
- YETUBIT will provide full support for lottery winners who wish to convert their winnings into Kwanza.
- A portion of the lottery proceeds will be reinvested into the ZIMBO ecosystem, benefiting the community.

4. ZIMBO and the Angolan Crypto Ecosystem



The ZIMBO stablecoin emerges as a response to the financial exclusion that affects a significant portion of the Angolan population. Combining accessibility, transparency, and stability, ZIMBO is a powerful tool to address historical challenges in the country's financial system and promote sustainable economic growth.

Addressing Financial Inclusion

According to the National Bank of Angola (BNA), financial exclusion in the country is largely attributed to the lack of identification documents and high fees for opening bank accounts. These factors create significant barriers for millions of Angolans who wish to participate in the formal economy.

How ZIMBO Transforms Financial Inclusion



1. **Barrier-Free Accessibility:** ZIMBO operates on a decentralized blockchain network, allowing anyone with a smartphone to create a digital wallet without the need for formal documentation or exorbitant fees.
2. **Low Transaction Costs:** With minimal transaction fees, ZIMBO enables financial access for low-income individuals, allowing them to send, receive, and save money securely.
3. **Decentralization and Autonomy:** Unlike traditional banks, ZIMBO does not rely on centralized institutions. Users have full control over their funds, eliminating the need for intermediaries.

Impact on the Unbanked Population

- 1. Economic Empowerment:** Individuals can participate in the digital economy without relying on traditional banks.
- 2. Reduction in Social Exclusion:** With ZIMBO, more Angolans gain access to modern financial tools that were previously inaccessible or only available to a minority of the population.

The Role of ZIMBO in Angola's Economic Growth

ZIMBO not only connects individuals to the digital economy but also plays a crucial role in the country's economic development.

1. Reducing Dependence on the Informal Currency Exchange Market

Currently, the informal market dominates currency exchange transactions in Angola, creating economic instability and a lack of transparency.

ZIMBO addresses this by:

Providing a Stable Exchange Rate: Pegged to the value of the Kwanza, ZIMBO eliminates the need to rely on the parallel market for foreign currencies.

Promoting Transparency: All transactions are recorded on the blockchain and publicly accessible for verification.

2. Encouraging Digital Entrepreneurship

With ZIMBO, entrepreneurs gain access to a stable and reliable currency that can be used for:

- **International payments** to suppliers and partners.
- **Selling products and services online** without the high fees associated with traditional payment methods.
- **Creating new blockchain-based businesses,** such as fintech startups and decentralized marketplaces.

Adoption of Blockchain Technology

By encouraging the use of ZIMBO, Angola fosters the adoption of blockchain technology, which offers:

Transparency: An immutable record of all transactions.

Security: Protection against fraud and illicit activities.

Innovation: Stimulates the emergence of advanced technological solutions across various industries.

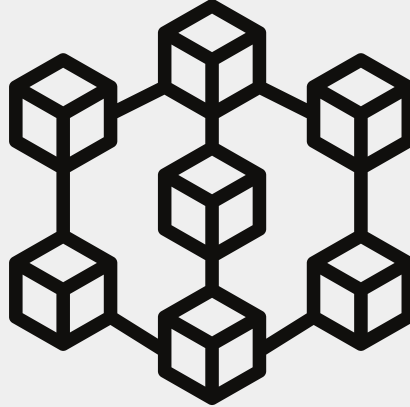
Internationalizing the Kwanza

One of the most significant benefits of ZIMBO is its ability to bring the Kwanza to the global stage.

How ZIMBO Promotes Internationalization

Use on Decentralized (DEXs) and Centralized Exchanges (CEXs): ZIMBO can be traded on platforms like Uniswap or centralized exchanges such as Coinbase, enabling the Kwanza to interact with other global currencies.

5. Technical Architecture of ZIMBO



ZIMBO utilizes the **BASE** blockchain, renowned for its scalability, security, and transparency. BASE provides an optimized infrastructure for smart contracts, enabling transactions to be executed automatically and reliably, eliminating intermediaries and reducing costs.

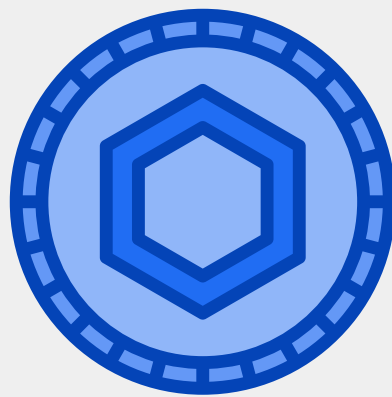
Benefits of the **BASE** Blockchain

- **Scalability:** Supports a high volume of transactions without compromising performance.
- **Security:** Data is protected against malicious alterations through the use of advanced encryption.

Transparency: All transactions are recorded on a public ledger, accessible for auditing.

The use of smart contracts is central to ZIMBO's operations, enabling the automatic execution of tasks such as transfers, staking, and the integration of P2P and digital payments.

Reserve Mechanisms and Oracle Integration



ZIMBO utilizes Chainlink, one of the most reliable and widely adopted oracles in the blockchain space. Oracles play a crucial role in securely and verifiably bringing real-world data onto the blockchain.

- **Real-Time Updates:** Chainlink provides the latest exchange rate between USD and Kwanza (AOA), ensuring that ZIMBO's value remains stable and up-to-date.

Security and Reliability: Chainlink utilizes decentralized node networks to minimize the risk of tampered data or disruptions in the information supply.

Reserve Mechanism

1. CurrentExchangeRate

2. allowance

3. balanceOf

4. decimals

5. fallbackExchangeRate

6. fallbackExchangeRateValue

7. lastExchangeRate

8. name

9. oracleContract

10. owner

11. symbol

ZIMBO *string*

12. totalSupply

To address potential oracle failures, ZIMBO has implemented a fallback mechanism:

- **Reserve Rate:** In case of an oracle failure, a pre-defined and stable exchange rate is utilized to ensure the continuity of operations.
- **Guaranteed Stability:** This system ensures that ZIMBO users can continue to carry out transactions and redemptions even during instances of instability in oracle data.

The Importance of Integration with Chainlink

Choosing Chainlink as the oracle provider highlights ZIMBO's commitment to industry best practices:

Global Trust: Chainlink is widely recognized and utilized by major projects worldwide, providing ZIMBO with credibility in the global market.

Decentralization: Chainlink's decentralized approach eliminates single points of failure, enhancing the system's resilience.

Expandable Future: Integration with Chainlink paves the way for the use of other external data, such as market indices and economic statistics, to expand ZIMBO's functionalities.

Security in ZIMBO's Design

ZIMBO is designed to ensure security at every level:

1. Fraud Protection:

- Immutable transactions recorded on the blockchain.
- Automatic validation through smart contracts.

2. **Operational Resilience:**

- Fallback mechanism in case of oracle failure.
- Regular updates to adapt to new market demands.

3. **User Control:**

ZIMBO is stored in decentralized digital wallets, such as Coinbase Wallet, giving users full control over their assets.

6. Risks and Challenges

While ZIMBO represents a significant innovation in the Angolan financial ecosystem, its development and adoption are not without challenges. This section addresses the risks and obstacles that must be considered to ensure ZIMBO's sustainable success.

1. Market Volatility

Despite being a stablecoin pegged to the Angolan Kwanza (AOA), ZIMBO faces risks associated with external factors and instabilities in the global and local financial markets.

- **Dependence on Kwanza Stability:** ZIMBO reflects the value of the Kwanza, meaning any devaluation of the national currency could impact the confidence and adoption of the stablecoin.
- **Exchange Rate Fluctuations:** Even with the integration of Chainlink as a reliable oracle,

unforeseen events can cause delays or inconsistencies in exchange rate updates, affecting the accuracy of ZIMBO's pricing.

- **Macroeconomic Risks**

Global economic crises, trade wars, or monetary policies can indirectly impact the ecosystem in which ZIMBO operates.

2. Regulatory Concerns

Compliance with national and international laws is a crucial aspect for the operation of any stablecoin, including ZIMBO.

- **Local Legislation in Angola:**

- The National Bank of Angola (BNA) regulates the financial sector and cryptocurrencies. ZIMBO must adhere to BNA's guidelines to operate legally and gain credibility in the market.
- Compliance with Anti-Money Laundering (AML) and Counter-Terrorism Financing (CFT) regulations will be essential to prevent the illicit use of ZIMBO.

- **Global Regulations:**

As ZIMBO is a digital currency with potential use in international transactions, it needs to align with global standards, such as those established by the Financial Action Task Force (FATF).

- Different jurisdictions may adopt varying approaches to regulate stablecoins, creating challenges in legal interoperability.

- **Bureaucratic Barriers:**

- Obtaining licenses and regulatory permissions can be a time-consuming and costly process.

However, **YETUBIT** will work closely with the National Bank of Angola (**BNA**) and the Capital Markets Commission (**CMC**) to ensure the sustainability and transparency of ZIMBO. As a startup that is part of the **Innovation Lab of the Payment System (LISPA)** portfolio of the National Bank of Angola, our goal remains to collaborate closely with the regulator, providing necessary data and cooperating to manage risks in the Angolan financial system.

3. Adoption Barriers

The widespread acceptance of ZIMBO depends on a collaborative effort to educate and raise awareness among the population and businesses about its advantages.

- **Limited Financial Literacy::**

- Most Angolans still have limited knowledge of cryptocurrencies and stablecoins. This may hinder trust and the initial adoption of ZIMBO.
- Educational campaigns and workshops will be essential to explain the functionality, security, and benefits of the stablecoin.

- **Unbanked Population:**

A significant number of Angolans are unbanked, with limited access to smartphones, the internet, or digital wallets.

Incorporating this population into the ZIMBO ecosystem will require accessible and simplified strategies.

- **Cultural Resistance:**
 - In some communities, distrust of modern technologies and digital currencies may hinder the acceptance of ZIMBO.
- **Corporate Adoption:**
 - Integrating ZIMBO as a payment method on business platforms will require strong partnerships and demonstration of competitive advantages over traditional payment methods.

4. Technological Infrastructure

Relying on advanced technological infrastructure comes with its own challenges:

- **Internet Connectivity:** Adopting ZIMBO in rural areas or regions with limited internet infrastructure will be a significant challenge.

Risk Mitigation Strategies

1. Strategic Partnerships::

- Collaborating with local and global financial institutions to boost ZIMBO's credibility and adoption.
- Working closely with the National Bank of Angola (BNA) to ensure regulatory compliance.

2. Educational Campaigns:

- Organizing seminars and training sessions to enhance financial and digital literacy.
- Developing simple educational materials in Portuguese and native languages to reach a broader audience.

3. Infrastructure Expansion::

- Investing in improving internet access and digital devices in rural areas.
- Providing 24/7 technical support to address any security or operational issues.

4. Backup and Contingency Mechanisms:

- Implement fallback mechanisms, such as reserve rates, to address oracle failures.
- Establish a guarantee fund to protect users against unexpected losses.

7. Roadmap

Stablecoin Launch



Sale of ZIMBO and community building



Launch of the Lottery Platform/Ticket



Partnerships with companies and startups



Listing of ZIMBO on centralized exchanges and DEXs



Launch of the staking platform



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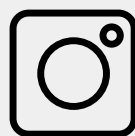
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