



ZASH

**White
Paper**

pay.zitenga.com



What is ZASH?

ZASH is a blockchain cryptocurrency designed for everyday transactions in Zimbabwe from daily grocery shopping to making large purchases.

ZASH enables Zimbabweans to create value through participation using the network effect. It empowers communities to come together, whilst solving fundamental problems that the country has.

ZASH is more than just blockchain. It is a comprehensive ecosystem driven by a community of people that call Zimbabwe their home.



Vision behind ZASH.

The goal of the ZASH project is to establish a decentralised blockchain in Zimbabwe with a ZASH token that is fixed in supply but available to all Zimbabweans.

The vision of the ZASH community is to see the first peer-to-peer geographic network where blockchain cryptocurrency transactions are made across an entire nation.

The ZASH blockchain provides a fast, secure and simple digital transaction platform for ordinary people to use in trade. The goal of ZASH is to see the economy of Zimbabwe transformed with blockchain computing.

Zimbabwe is one of the only countries in the world where a decentralized currency could work for on-the-ground transactions. We see a future where ordinary Zimbabweans can save, trade and build businesses based on blockchain security that they trust, and where wealth, resources and people flow back to Zimbabwe.

We want to see Zimbabwe prosperous and reintegrated into the global economy and ultimately see Zimbabwe become a global banking center.



Collaboration with ZiTenga Pay and ZiTenga



- ZiTenga Pay is a digital wallet that enables people to transact in ZASH.
- **AML/CFT Compliance:** ZiTenga Pay is compliant with Anti-Money Laundering (AML) and Counter Financing of Terrorism (CFT) regulations, ensuring secure and legal transactions.
- **Early User Reward:** Zimbabweans who join early **receive 150 ZASH**. Sign up while allocations are available.
- **Referral Reward:** Zimbabweans also **receive 25 ZASH as a referral reward** for each person they refer.
- **Limits:** Of the free ZASH received, subscribers can use 50 ZASH per month – however, there are no restrictions on any ZASH received in payment and from referral rewards.
- The auction website zitenga.com is currently in discussions to allow users to purchase goods and services with ZASH via an auction mechanism.

Blockchain Details.

ZASH is built with a Hyperledger Besu application. The blockchain makes use of an open-source Ethereum client developed under the Apache 2.0 license and written in Java and employs a Proof-of-Authority (PoA) consensus mechanism.

This architecture provides a balance of security, performance, and control, making it ideal for ZASH's use case.

Key features include:

- **Ethereum Compatibility:** The blockchain is fully compatible with the Ethereum Virtual Machine (EVM) and supports smart contracts written in Solidity. This allows for integration with the existing Ethereum applications and utilizes the vast Ethereum developer ecosystem.
- **Fast Block Times:** PoA allows for significantly faster block times compared to Proof of Work (PoW) or Proof of Stake (PoS). ZASH's block time is 15 seconds, enabling rapid transaction confirmation. The blockchain is designed for high transaction throughput and low latency, making it perfect for the ZASH use case.
- **Energy Efficiency:** PoA is significantly more energy-efficient than PoW, as it doesn't require intensive computational mining.
- **Scalable:** ZASH is designed to adapt and expand alongside its user base. With scalable architecture, the network can efficiently handle increasing transaction volumes without compromising speed or security, ensuring ZASH remains a reliable platform for everyday use, even as its adoption grows.
- **Limited in Supply:** The ZASH blockchain has a fixed supply of **4.5 billion** ZASH tokens.



Creating a peer-to-peer crypto-transaction network across an entire nation. The first of its kind.



DISCLAIMER.

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