

ZIGChain MiCAR White Paper



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Date of Notification: 2025-07-23

Summary

Warning: This summary should be read as an introduction to the crypto-asset white paper. Any decision to purchase this crypto-asset should be based exclusively on a thorough review of the entire crypto-asset white paper and not on this summary alone. The public offering of this crypto-asset does not constitute an offer or solicitation to purchase financial instruments. Any such offer or solicitation can be made only pursuant to a valid prospectus or other offering document pursuant to the applicable national law. This crypto-asset white paper does not constitute a prospectus within the meaning of Regulation (EU) 2017/1129 of the European Parliament and of the Council (36) nor does it constitute an or offer document under any applicable Union or national laws.

Characteristics of the Crypto-Asset ZIG is the native utility token of the ZIGChain ecosystem, a Layer 1 blockchain built on a Proof-of-Stake consensus mechanism. Its maximum supply is fixed at 2.5 billion tokens. As a utility token, ZIG is designed for functional use within the ecosystem, facilitating on-chain interactions, supporting decentralized governance, and incentivizing participation. Holders are entitled to participate in the protocol's governance by submitting proposals and voting on platform upgrades. These rights are procedural and utility-driven, and do not confer any ownership, profit-sharing, or claim on the assets of the developing entities. The token is initially ERC-20 compatible and will also operate natively on the ZIGChain mainnet.

Utility Token Summary The ZIG utility token grants access to key services and functions on the ZIGChain platform. Its primary utilities include: paying for transaction and gas fees, participating in network governance through voting, paying for module usage fees (ModFees), and serving as a native asset for DeFi activities like liquidity provision and staking. Holders can access staking-based rewards and other platform benefits by actively engaging in the ecosystem. While there are no transfer restrictions on publicly traded ZIG, holders from FATF-sanctioned jurisdictions are restricted as per the AML policy.

Key Information About the Admission to Trading The ZIG token is already in circulation, having been launched in April 2021. Admission to trading is sought to support its essential functions within the ZIGChain ecosystem. The token is currently listed and tradable on several centralized exchanges, including Bitvavo (MIC: VAVO) and Kraken (MIC: KRME), which are accessible via web and mobile applications. No public offering for fundraising is being conducted as part of this admission to trading.

Regulatory Disclosures as per Regulation (EU) 2023/1114 (MiCA):

Statement in accordance with Article 6(3):

This crypto-asset white paper has not been approved by any competent authority in any Member State of the European Union. The person seeking admission to trading of the crypto-asset is solely responsible for the content of this crypto-asset white paper.

Statement in accordance with Article 6(6):

This crypto-asset white paper complies with Title II of Regulation (EU) 2023/1114 and, to the best of the knowledge of the management body of ZIGChain, the information presented in the crypto-asset white paper is fair, clear and not misleading and the crypto-asset white paper makes no omission likely to affect its import.

Statement in accordance with Article 6(5), points (a), (b), (c):

The crypto-asset referred to in this white paper may lose its value in part or in full, may not always be transferable and may lack liquidity or continuous market for exchange.

Statement in accordance with Article 6(5), point (d):

The utility token referred to in this white paper may not be exchangeable against the good or service promised in the crypto-asset white paper, especially in the case of a failure or discontinuation of the crypto-asset project.

Statement in accordance with Article 6(5), points (e) and (f):

The crypto-asset referred to in this white paper is not covered by the investor compensation schemes under Directive 97/9/EC of the European Parliament and of the Council. The crypto-asset referred to in this white paper is not covered by the deposit guarantee schemes under Directive 2014/49/EU of the European Parliament and of the Council.

1. Information about the Person Seeking Admission to Trading

Name: Comet Technologies Ltd.

Legal Form: ISO standard 20275 ELF code 8888

Registered address: Intershore Chambers P.O. Box 4342 Road Town, VIRGIN ISLANDS, BRITISH, Tortola , VG1110 , VG

Head office: N/A

Registration Date: 2021-03-04

Legal entity identifier: N/A

Another identifier required pursuant to applicable national law: 2056175

Contact telephone number: +92 322 2701735

E-mail address: a.rafay@zignalny.com

Response Time (Days): 7

Parent Company: Greenscale Technologies Pte. Ltd.

Members of the Management body:

Name	Business Function	Business Address
Bartolome R. Bordallo	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands
David Rodríguez Coronado	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands.
Abdul Rafay Gadit	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands.

Business Activity: Full capacity to carry on or undertake any business or activity, do any act or enter into any transaction

Parent Company Business Activity: DEVELOPMENT OF SOFTWARE AND APPLICATIONS (EXCEPT GAMES AND CYBERSECURITY) (62011)

Newly Established: false

Financial condition for the past three years: The entity has maintained a stable, financial position and has successfully supported all the internal operations for over four years. As part of our broader strategic vision, we are focused on a continued development and expansion of the ZIGChainecosystem, which is the primary reason for seeking admission at this stage. The ZIGChain token was Initially launched in April 2021 and has since been listed on several reputable centralized exchanges. We maintain financial records, accounting documentation, and operational analysis covering the full period from the company's inception to date. These records demonstrate a transparent and well- managed financial history, aligned with our long-term growth objectives.

2. Information about the Crypto-Asset Project

Crypto-asset project name: ZIGChain

Crypto-assets name: ZIG

Abbreviation: ZIG

Crypto-asset project description: ZIGChain is a Layer 1 blockchain designed to democratize access to financial opportunities, regardless of their income level, geographic location, or level of education and financial expertise. On ZIGChain, developers can build innovative wealth-generation protocols through our modular tech stack for delegated investment management — the Wealth Management Engine — wealth managers can use to craft previously inaccessible investment strategies for anyone. While ZIGChain is purpose-built to support wealth generation at scale, it remains fully permissionless and open network accessible to all participants in the blockchain ecosystem

Details of all natural or legal persons involved in the implementation of the crypto-asset project:

Name	Business Function	Business Address
Abdul Rafay Gadit	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands.
Bartolome R. Bordallo	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands.
David Rodríguez Coronado	Co-Founder	Intershore Chambers, Road Town, Tortola, British Virgin Islands.

Utility Token Classification: true

Key Features of Goods/Services for Utility Token Projects: Excellent Developer Experience:

- Build smart contracts with Rust on CosmWasm.
- Access to a \$100 million ecosystem fund & Foundation Support Programs.
- Comprehensive documentation with tutorials.
- Transactions are fast (less than 5 seconds) and affordable.

Global and Scalable:

- Built using the Cosmos SDK for high scalability and interoperability.
- A modular framework allows for easy upgrades and expansions.
- Cross-chain compatibility for seamless integration.

Wealth Management Engine:

- Empowers Wealth Managers to deploy investment strategies globally using a secure and scalable infrastructure.
- Reduces operational overhead thanks to the wealth management module.
- Provides access to innovative DeFi protocols to enhance strategy performance and yield potential.
- Supports flexible fee structures allow wealth managers to customize their revenue models.

ZIGChain provides the technical foundation for developers to create innovative protocols, enabling wealth managers to deploy investment strategies that make financial opportunities accessible to everyone.

Plans for the token: ZIG token was generated in April 2021, as a utility token for the Zignal Social Investment platform. In 2025, the token is evolving into the Native Utility Token of ZIGChain, reflecting the platform's transition toward becoming a blockchain ecosystem focused on wealth generation. The ZIG will serve multiple key roles within ZIGChain ecosystem.

Tokenomics and Utilities:

- **Blockchain Consensus:** Secure the network by enabling users to run validator nodes and attract delegated stake. Validators validate transactions and earn protocol rewards which are shared with delegators in proportion to their stake
- **Transaction Fees:** ZIG functions as a gas token for the network, covering transaction fees and smart contract execution costs.
- **Governance:** Participate in governance through proposal creation and voting for new features or protocol changes
- **ModFee (Module Fees):** Fees from usage of blockchain modules (Token Factory, Exchange Module & Wealth Management Module) are, subject to community governance, allocated toward buyback and burn programs or reinvested into ecosystem development and incentive programs.
- **Native DeFi Asset:** The ZIG token serves as the native currency across ZIGChain's DeFi protocols serving various activities, such as liquidity provision, collateral for lending/borrowing, and protocol rewards.

ZIG Token Distribution (On Mainnet):

Allocation	Amount	Percentage
Existing Community	1,413,940,444	56.56%
Burnt To Date	41,059,556	1.64%
Founders Tokens*	445,000,000	17.80%
Stake Subsidies*	187,500,000	7.50%

Allocation	Amount	Percentage
Ecosystem Growth*	412,500,000	16.50%
Reserves*	100,000,000	4.00%
Community Rewards	125,000,000	5.00%
Total Supply	2,500,000,000	100.00%

**Subject to lock-ups, vesting, and economic conditions being met - see Emissions schedule.*

Official Links:

- CoinMarketCap: <https://coinmarketcap.com/currencies/zigcoin>
- CoinGecko: <https://www.coingecko.com/en/coins/zignaly>
- ZIGChain Documentation: <https://docs.zigchain.com/general/zig>

Resource Allocation: Raised from private investors in 2021, with ongoing revenue consistently reinvested into the business.

Planned Use of Collected Funds or Crypto-Assets:

Community Rewards - 5%

Reserves - 4%

Ecosystem Development - 7.5%

Stake Subsidies - 7.5%

Founders Tokens - 17.8%

Burnt to Date - 1.6%

Existing Community - 56.6%

3. Information about the Admission to Trading

Public Offering or Admission to trading: ATTR

Reasons for Public Offer or Admission to trading: As the native token of ZIGChain ecosystem and a key component of its economic model, it is essential that \$ZIG remains publicly tradable to support the utilities and functions previously outlined.

Fundraising Target: N/A

Minimum Subscription Goals: N/A

Maximum Subscription Goal: N/A

Oversubscription Acceptance: N/A

Oversubscription Allocation: N/A

Issue Price: N/A

Official currency or any other cryptoassets determining the issue price: N/A

Subscription fee: N/A

Offer Price Determination Method: N/A

Total Number of Offered/Traded Crypto- Assets: 1

Targeted Holders: ALL

Holder restrictions: As per AML policy - FATF sanctioned jurisdiction holders.

Reimbursement Notice: N/A

Refund Mechanism: N/A

Refund Timeline: N/A

Offer Phases: N/A

Early Purchase Discount: N/A

Time limited Offer: N/A

Subscription period beginning: N/A

Subscription period end: N/A

Safeguarding Arrangements for Offered crypto-assets: N/A

Payment Methods for Crypto-Asset Purchase: As stated, the ZIG coin is already in circulation since April 2021.

Value Transfer Methods for Reimbursement: As stated, the ZIG coin is already in circulation since April 2021.

Right of Withdrawal: N/A

Transfer of Purchased Crypto-Assets: As stated, the ZIG coin is already in circulation since April 2021.

Transfer Time Schedule: N/A

Purchaser's Technical Requirements:

Technical Requirements for Purchasers of \$ZIG:

1. Crypto Wallet

- Non-custodial wallet that supports:

- EVM-compatible networks

- ZIGChain
- Wallet must support importing custom tokens if \$ZIG isn't listed by default.

2. Network Configuration

- Ability to add custom RPC networks (e.g., ZIGChain or testnet).
- Familiarity with switching between networks (Ethereum, BSC, ZIGChain, etc.).

3. Token Standard Compatibility

- \$ZIG is an ERC-20 token on Ethereum and BEP-20 token on BNB Chain.
- Post-mainnet, ZIGChain-native tokens will follow ZIGChain standards.

4. Access to Exchanges

- Ability to access centralized exchanges (CEXs) or decentralized exchanges (DEXs) where \$ZIG is listed.

If using DEXs, users must:

- a. Connect a supported wallet.
- b. Have native gas tokens (e.g., ZIG, ETH or BNB) to cover transaction fees.

5. Basic Web3 Literacy

- Understanding of how to:
- Sign transactions.
- Manage private keys or seed phrases securely.
- Avoid phishing or scam links.
- Optional: Familiarity with using bridge platforms if moving \$ZIG across chains.

Placement form: N/A

Trading Platforms name: Bitvavo, Kraken

Trading Platforms Market Identifier Code (MIC): VAVO (Bitvavo), KRME (Kraken)

Trading Platforms Access: Through Web & Mobile Apps

Involved costs: Costs may be incurred when trading and transferring the asset.

Conflicts of Interest: None

Applicable Law: Virtual Asset Service Providers Act (VASP Act), effective Feb 1 2023

Anti-Money -British Virgin Islands

Competent court: Commercial Division of the Eastern Caribbean Supreme Court (Virgin Islands) Located in Road Town, Tortola, British Virgin Islands.

4. Information about the Crypto-Asset

Crypto-Asset Type: ZIG is the Native Utility Token of the ZIGChain ecosystem, essential to its operational and economic infrastructure. It is designed solely for functional use within the ecosystem, ZIG facilitates on-chain interactions, supports decentralized governance and incentivizes participation without conferring any ownership, profit-sharing, or passive income rights.

Crypto-Asset Functionality:

A- Transaction & Gas Fees

ZIG serves as the primary means for paying transaction and gas fees required to execute smart contracts and operations across ZIGChain.

B- Governance Participation

ZIG holders can propose and vote on protocol changes, feature upgrades, and ecosystem adjustments—ensuring community-driven evolution of the network. These rights are procedural and non-financial.

C- Module Usage Fees (ModFee)

Certain modules (e.g., Token Factory, Exchange, Wealth Management) charge usage fees in ZIG. These fees are subject to network consensus and may be directed toward deflationary mechanisms (e.g., buyback and burn) or reinvestment into development and user incentives.

D- DeFi Utility

ZIG functions as the native asset for decentralized finance activities, including liquidity provision, staking, collateral for lending/borrowing, and participation in yield-based incentives. These uses are action-based and dependent on active engagement.

Planned Application of Functionalities: ZIGChain mainnet beta is already live. We are undergoing implementation of security parameters and will start opening up access to the blockchain mainnet in the next few weeks.

Type of white paper: OTHR

The type of submission: NEWT

Crypto-Asset Characteristics:

- Fully decentralized and governed by its user base
- Initially ERC-20 compatible, with planned native operation on ZIGChain
- 18 decimal precision
- Proof of Stake consensus mechanism
- Max supply fixed at 2.5 billion ZIG tokens
- Classified as a utility token – does not represent equity, debt, or financial interest in any entity,

Commercial name or trading name: ZIGChain

Website of the issuer: zigchain.com

Starting date of offer to the public or admission to trading: 2025-07-30 (tentative)

Publication date: 2025-08-20

Any other services provided by the issuer: N/A

Language or languages of the white paper: English

Digital Token Identifier, where available: N/A

Functionally Fungible Group Digital Token Identifier, where available: N/A

Voluntary data flag: false

Personal data flag: false

LEI eligibility: true

Home Member State: LV

Host Member States: AT, DK, HR, DE, LV, LT, EE, BG, CY, CZ, ES, PL

5. Rights and Obligations

Purchaser Rights and Obligations: Holders of the ZIG token are entitled to participate in the decentralized governance process of the ZIGChain protocol, including submitting proposals and casting votes on platform upgrades and feature implementations. Additionally, token holders may access special platform utilities and benefits—such as eligibility for staking-based rewards—when actively engaging in supported ecosystem activities. These rights are procedural and utility-driven and do not represent ownership, profit-sharing, or any claim on assets of the platform or its developers.

Exercise of Rights and obligations: Tokens must be on ZIGChain and holders must exercise particular duties.

Conditions for modifications of rights and obligations: As per Governance Rules ZIGChain has rights to amend those rights respecting decentralized governance methods.

Future Public Offers: None so far

Issuer Retained Crypto-Assets: 445000000

Utility Token Classification: true

Key Features of Goods/Services of Utility Tokens: Transaction Fees Staking & Rewards Access to Wealth Management Products ZIGChain Governance Discounts & Premium Access Marketplace Utility Cross-Ecosystem Interoperability

Utility Tokens Redemption: On-Chain Payments Staking for Access Fee / Gas Discounts Voting or Governance

Non-Trading request: true

Crypto-Assets purchase or sale modalities: N/A

Crypto-Assets Transfer Restrictions: No Transfer Restrictions on Publicly Traded \$ZIG

Supply Adjustment Protocols: false

Token Value Protection Schemes: false

Compensation Schemes: false

Applicable law: Virtual Asset Service Providers Act (VASP Act), effective Feb 1 2023
Anti-Money Laundering & Terrorist Financing Rules
Financing and Money Services Act (FMSA) - British Virgin Islands

Competent court: Eastern Caribbean Supreme Court – BVI Commercial Court

6. Information on the Underlying Technology

Distributed ledger technology: Ethereum BNB Smart Chain Polygon Injective Solana ZIGChain

Protocols and technical standards: The ZIG token began as an ERC20 token on the Ethereum Blockchain. As ZIGChain comes online, a native version of the token will be available on ZIGChain as well. More information on the token can be found here: <https://docs.zigchain.com/general/zig> The plan is for the ERC20 version of the token to be bridged from Ethereum to ZIGChain by locking supply on one end and minting / releasing supply on the ZIGChain side. For this, we have developed a native bridge using underlying technology from Axelar.

Technology Used: The ZIG token, ERC20 and ZIGChain Native, can be held, stored and transferred using any Web3 compatible wallet and soon via centralized exchanges as well (ZIGChain integration is under process with multiple exchanges).

Consensus Mechanism: Proof of stake

Incentive Mechanisms and Applicable Fees: Validator Program - Our validators help verify the transactions and secure the network. Delegators supporting the validators with an active stake share the incentive. Validators and delegators share in the gas fee plus also benefit from Foundation led staking rewards (stake subsidies).

Use of Distributed Ledger Technology: true

DLT Functionality Description: As of now, ZIG is deployed on Ethereum, Binance Smart Chain, Polygon, Injective and Solana On ZIGChain mainnet, ZIG will be bridged to ZIGChain while remaining operational on other chains.

Audit: true

Audit outcome:

https://drive.google.com/file/d/17uYc1Qzxrl6NtaegjhPv13fbPGwnida_/view?usp=sharing

7. Information on Risks

Offer-Related Risks:

- Market Volatility: The value of ZIG tokens may fluctuate significantly due to broader crypto market conditions and speculative behavior.
- Regulatory Uncertainty: The global legal framework governing crypto-assets remains uncertain and subject to change. Future regulatory developments may affect the token's use, distribution, or trading.
- Liquidity Constraints: Limited market depth may impair the ability to buy or sell large quantities of ZIG without significant price impact.
- Listing Risk: There is no guarantee that digital asset exchanges will list the ZIG token, or that existing listings will be maintained.
- Technical and Custodial Risks: Participants face potential risks from smart contract bugs, wallet vulnerabilities, and key management errors.
- Execution and Centralization Risk: Project milestones depend on successful technical delivery and minimizing reliance on centralized platforms and infrastructure.

Issuer-related Risks: N/A

Crypto-Assets-related Risks: ZIG, as a crypto-asset, is exposed to general digital asset risks, including:

- Price Volatility: Rapid price changes may lead to significant gains or losses over short periods.
- Smart Contract Vulnerabilities: Code bugs or exploits may result in financial or functional failures.
- Security Threats: Risks include unauthorized access, phishing, and theft from wallets, bridges, or exchanges.
- Custodial Dependencies: If users delegate custody to third parties, such entities must be trusted to maintain proper controls.
- Governance Risk: Community-driven decision-making may result in unexpected changes or disagreements over protocol direction.
- Privacy Concerns: ZIGChain transactions are publicly recorded, which may affect user anonymity.
- Counterparty Risk: Interactions with external services (e.g., exchanges, liquidity pools) may expose users to insolvency or fraud.

Project Implementation-Related Risks: The ZIGChain project is subject to:

- Development Delays: Milestones may be postponed due to technical complexity or

unforeseen issues.

- Scalability and Network Load: Performance under high user demand must be addressed to avoid congestion.
- Adoption and Ecosystem Risk: User growth and network participation are crucial to platform viability.
- Tokenomics Stability: The economic model must ensure supply-demand balance, incentivization, and sustainability.
- Operational and Partnership Risk: Day-to-day management and external collaborations must be executed effectively.
- Reputation and Marketing Risk: Perception of the platform in the wider crypto community may affect participation and support.

Technology-Related Risks: ZIGChain's architecture introduces several technical risks:

- Smart Contract Bugs and Exploits: Flaws in protocol code can be exploited, leading to potential financial loss.
- Private Key Security: Users are responsible for safeguarding their keys; loss may result in irreversible asset loss.
- Interoperability Risks: Cross-chain interactions introduce complexity and potential integration failures.
- Consensus and Network Integrity: Ensuring reliable block production and agreement among validators is critical.
- Performance and Obsolescence: Latency, load handling, and long-term relevance of the platform's technology must be actively managed.
- Decentralization Challenges: Achieving effective governance without centralized intervention is difficult in practice. Third-Party Dependencies: Infrastructure, cloud providers, or API services may fail or be disrupted.

Mitigation measures: To address the aforementioned risks, we have implemented several mitigation measures and continuously enhancing the following safeguards:

- Regular third-party security audits and bug bounty programs to detect vulnerabilities.
- Commitment to scalable architecture and interoperability standards for multi-chain compatibility.
- Use of decentralized infrastructure to reduce single points of failure.
- Planned protocol upgrades to introduce security patches and functional enhancements.
- Adoption of data encryption and privacy best practices to protect user data.
- Deployment of redundant systems and real-time performance monitoring.
- A formal incident response and recovery plan to handle technical failures or breaches.
- Active regulatory monitoring and adaptation to ensure legal compliance.
- Technology diversification to avoid overreliance on any single framework or solution.

8. Information on Sustainability Indicators

Consensus Mechanism: As per section 6, the ZIGChain uses Proof of Stake (PoS) as its consensus mechanism.

Incentive Mechanisms and Fees: As per section 6, this item is N/A.

Beginning of the period to which the disclosure relates: 2025-06-24

End of the period to which the disclosure relates: 2025-06-24

Energy consumption: 466,470 kWh per year. We use the Cosmos SDK as the base infrastructure for our blockchain. Details on their environmental footprint and how it differs from other blockchain ecosystems / SDKs can be found here:

<https://blog.cosmos.network/why-blockchains-need-cosmos-proof-of-stake-for-a-sustainable-environment-878b3edd2e85>

Energy consumption sources and methodologies: As Above. Furthermore, once the blockchain is fully live, we will have more ZIGChain specific stats.

Renewable energy consumption: N/A

Energy intensity: N/A

Scope 1 DLT GHG emissions – Controlled: N/A

Scope 2 DLT GHG emissions – Purchased: N/A

GHG intensity: N/A

Key energy sources and methodologies: N/A

Key GHG sources and methodologies: N/A