

# WALLETLESS AI



WLS TOKEN PRE-SALE CONTRACT ADRESS

[0x42436F159523056afA7dD7952D4408C5be8dFbd2](#)

WLS TOKEN CONTRACT ADRESS

[0xDC48d2Cd4441Dc7702f12062b2252D9COE8EfDbc](#)

[walletless.ai](http://walletless.ai)



[twitter.com/Walletlessai](#)



[github.com/walletlessai](#)



[tiktok.com/@walletlessai](#)



[t.me/walletless\\_ai](#)

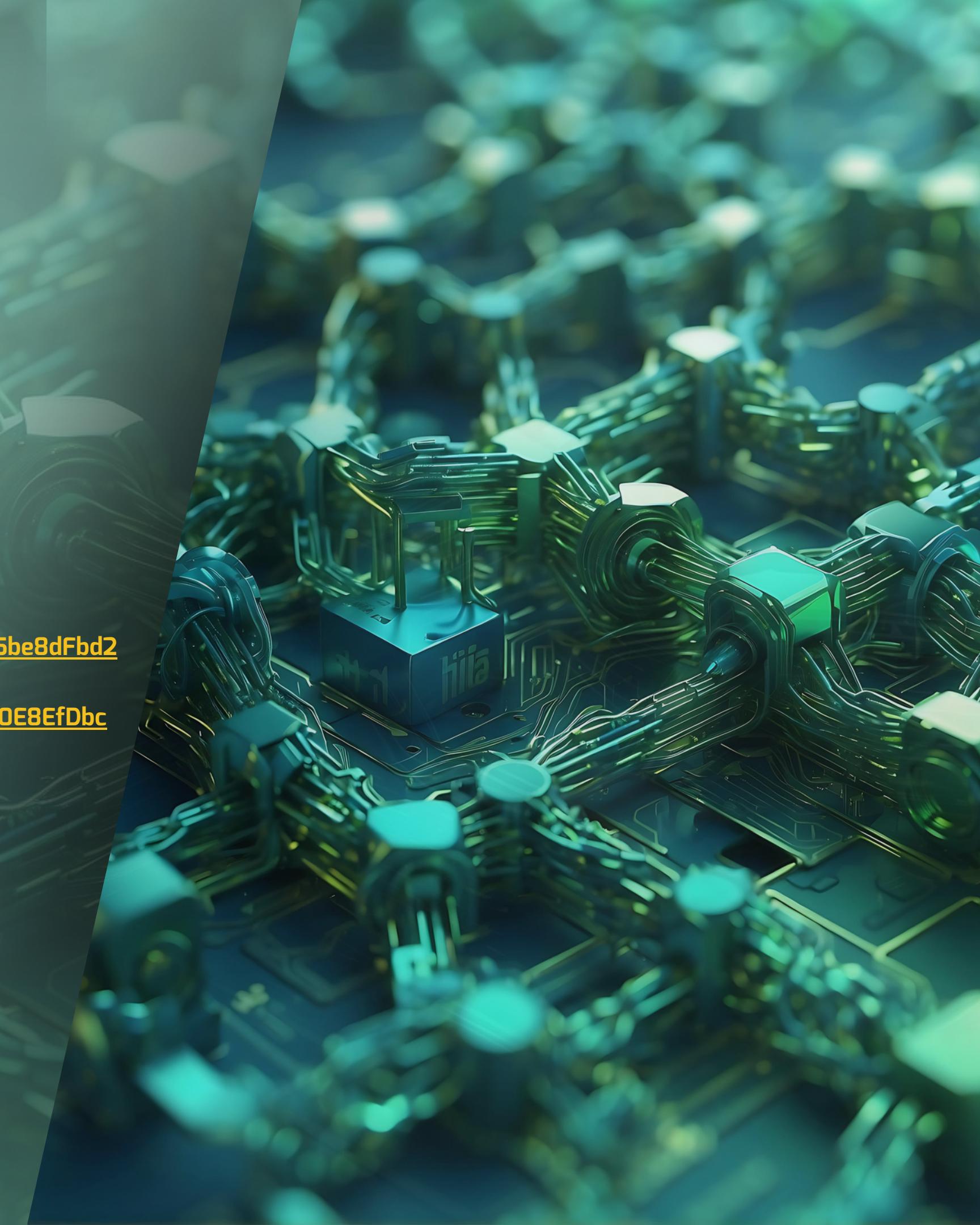
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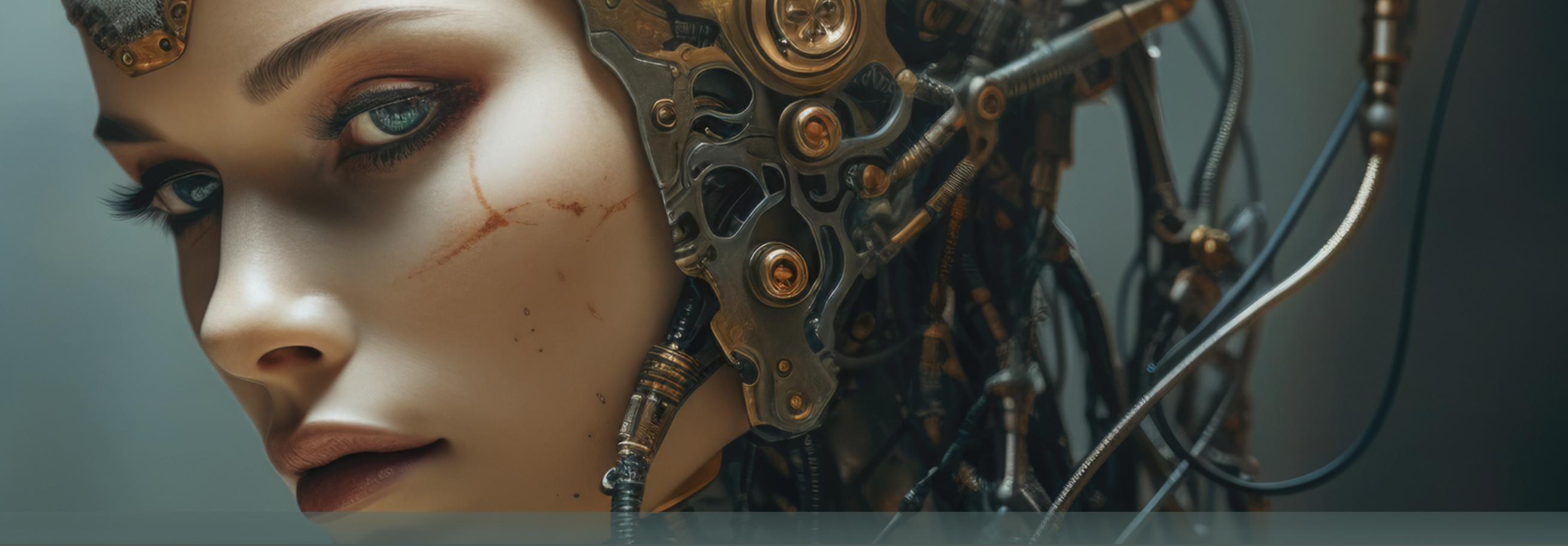
One Step

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Legal Disclaimer



# OUR MOTTOS



Blockchain adoption  
without pain



Challenges, Expertise, Easy Bot DApps



Economic freedom  
for all begins now



Big Cex List, Rewards



Stop carrying your wallet  
with you everywhere.



Walletless, Proxy Wallet



With us you will conquer the  
barriers of knowledge piles.



Crypto, Guidance



Redefining DeFi for  
everyone



Dex, EGW, MPC DAO



Our Technology Touch  
Blockchain Hand



RWA, dtRWA, Bounties



Logic-Based Artificial  
Intelligence on Smart  
Contracts



Logic, AI, Smart Contract



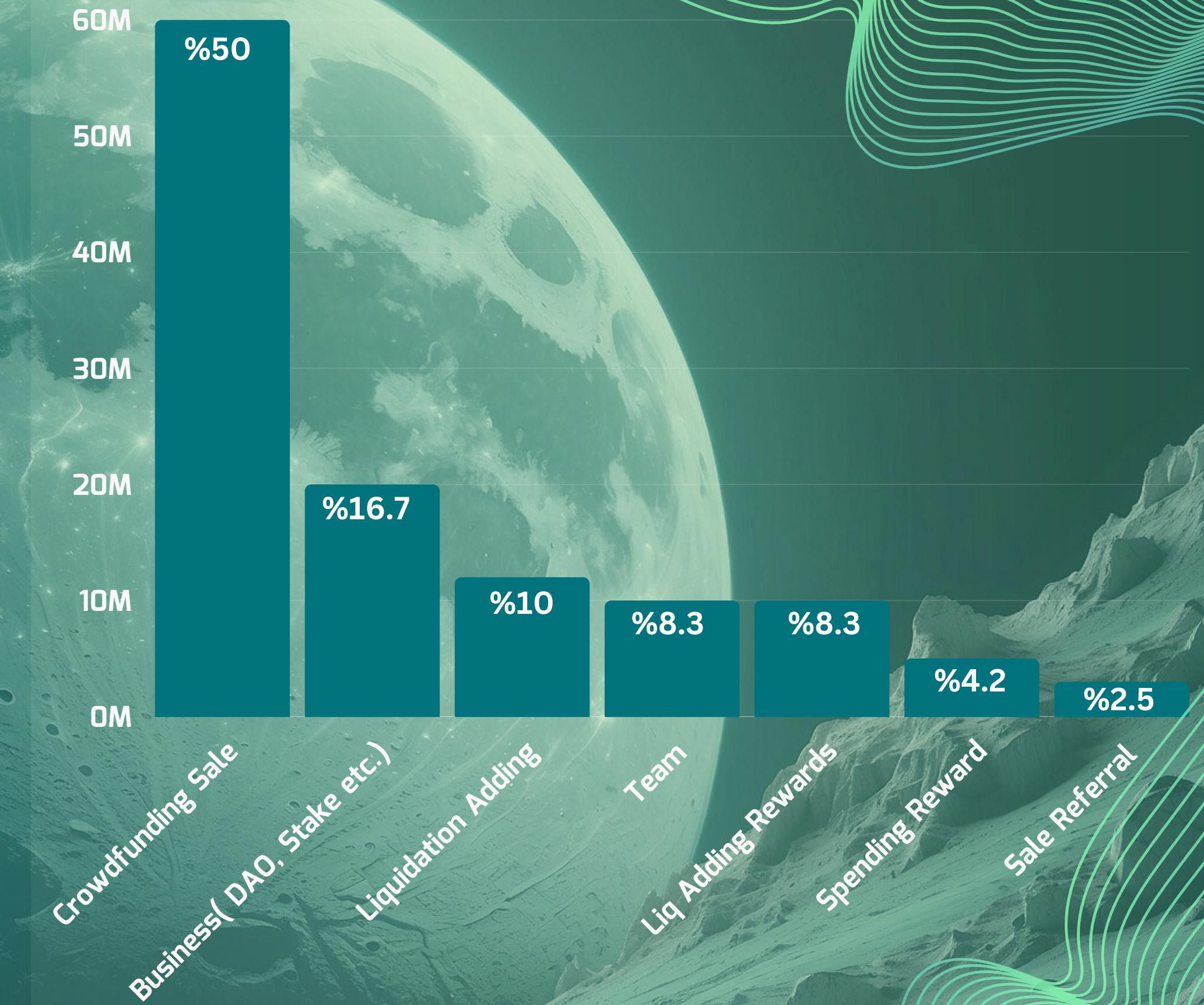
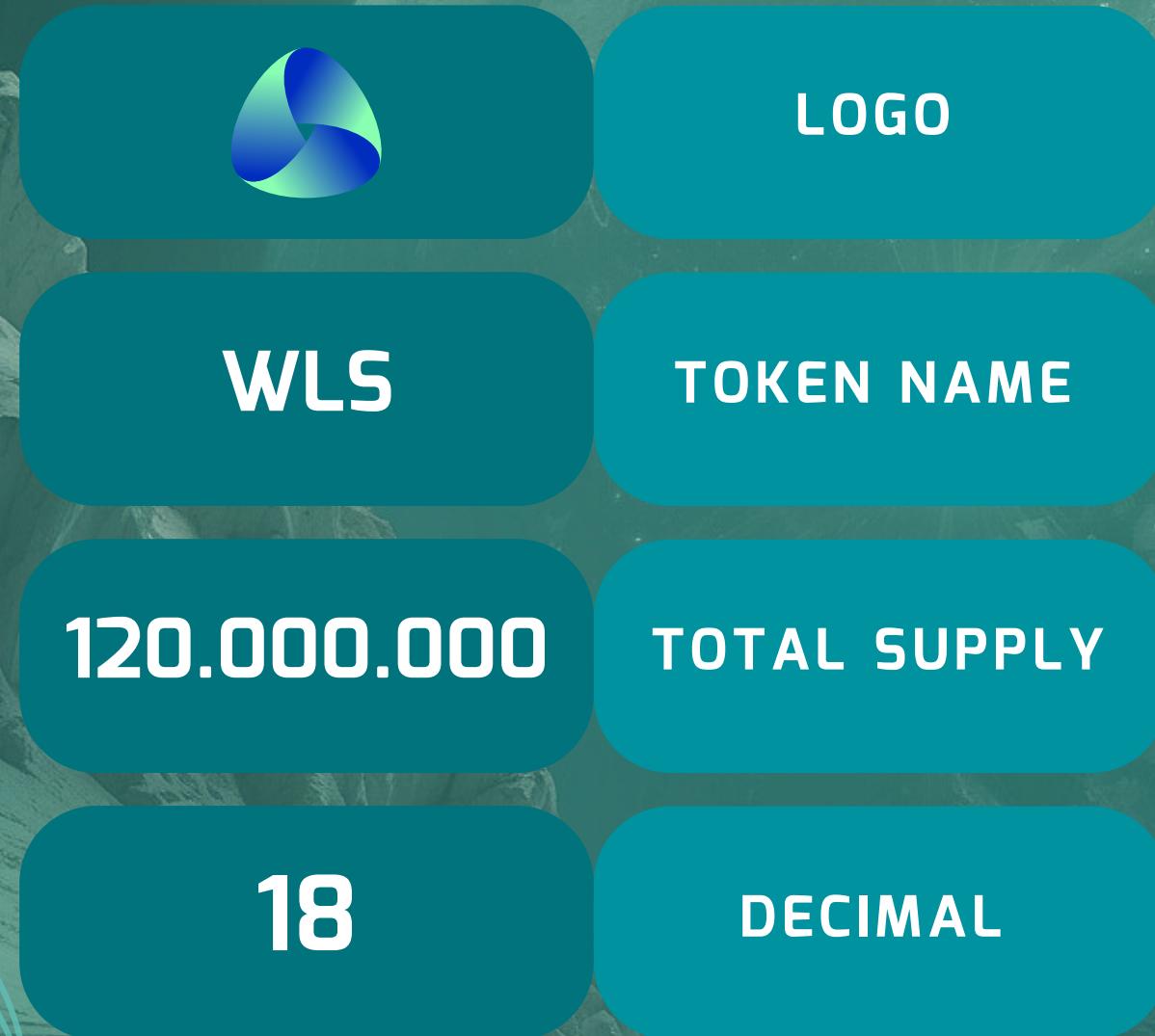
Strengthen security  
and privacy with DAO



DAO, SMC, ZKPs

# TokenoMetrics

Pre-sale, token distribution, prices etc.



## Rewards

- + %5 Referral Reward
- + Liq Adding Reward
- + %2 Spending Reward  
(for Each Tx)

Unlocked Sale  
US

1 BNB  = 5000 WLS 



20M WLS tokens

No Lock

Active

Don't Forget Your Referral Code to Share !!!

[BUY WLS](#)



Active

### Option 1

1 BNB  = 6000 WLS 

6M WLS tokens

- ✓ Locked for 60 Days
- ✓ Locked Period Starts After Your Purchase
- ✓ Don't Forget Your **Referral Code** to Share !!!

[BUY WLS](#)



Active

### Option 2

1 BNB  = 9000 WLS 

7M WLS tokens

- ✓ Locked for 90 Days
- ✓ Locked Period Starts After Your Purchase
- ✓ Don't Forget Your **Referral Code** to Share !!!

[BUY WLS](#)



Active

### Option 3

1 BNB  = 12 000 WLS 

8M WLS tokens

- ✓ Locked for 120 Days
- ✓ Locked Period Starts After Your Purchase
- ✓ Don't Forget Your **Referral Code** to Share !!!

[BUY WLS](#)



Active

### Option 4

1 BNB  = 17 000 WLS 

9M WLS tokens

- ✓ Locked for 180 Days
- ✓ Locked Period Starts After Your Purchase
- ✓ Don't Forget Your **Referral Code** to Share !!!

[BUY WLS](#)



Active

### Option 5

1 BNB  = 22 000 WLS 

10M WLS tokens

- ✓ Locked for 240 Days
- ✓ Locked Period Starts After Your Purchase
- ✓ Don't Forget Your **Referral Code** to Share !!!

[BUY WLS](#)



✓AI ✓Dex ✓Feeless ✓Easy-Go Wallet ✓Spending Rewards ✓Liq Adding Rewards ✓Digital Twin NFT RWA Market Place ✓Easy Bot DApps

# DETAILS OF TOKEN METRICS

## ACCORDING TO TOTAL SUPPLY

3% of the amount of WLS purchased by another wallet that purchases WLS with the ref code defined in the wallet is defined for you to claim to your wallet.



20M WLS for Business + Dex costs(DAO, AI Service, RWA services, Big Cex Listings, etc)

%5 referral bonus the sale amount in WLS  
(min cap 0.05 BNB purchase)



5M WLS for spending reward

Project native token **WLS** is a Multichain Token created on a multichain network, with the main network being BSC.

10M WLS for locked for 3 years (team) for future



In order for a ref code to be created for the wallet, must purchase at least 50 WLS.



10% of the sold amount and 10% of the team treasury are added to the dex as liquid and remain locked for 1 year.



**Unsold and unclaimed referral reward tokens will be burned, so that no rugpull.**



# HEAD TEAM



**ADVISOR**  
6 YEARS EXPERIENCE



**LEGAL ADVISOR**  
5 YEARS EXPERIENCE



**ADVISOR**  
9 YEARS EXPERIENCE



**FINANCIAL EXPERT**  
11 YEARS EXPERIENCE



**COMMUNICATION SPECIALIST**  
5 YEARS EXPERIENCE



**RESOURCE MANAGER**  
7 YEARS EXPERIENCE



**BUSINESS ANALYST**  
7 YEARS EXPERIENCE

# PHD TEAM



**BLOCKCHAIN**  
6 YEARS EXPERIENCE



**CODING THEORY**  
6 YEARS EXPERIENCE



**CRYPTOGRAPHY**  
7 YEARS EXPERIENCE



**APPLIED LOGIC**  
9 YEARS EXPERIENCE



**APPLIED ECONOMY**  
5 YEARS EXPERIENCE



# DEVELOPER TEAM



**BACKEND**  
8 YEARS EXPERIENCE



**FRONT END**  
9 YEARS EXPERIENCE



**WEB3 JS REACT**  
7 YEARS EXPERIENCE



**NETWORK ENGINEER**  
7 YEARS EXPERIENCE



**SOFTWARE TEST  
ENGINEER**  
9 YEARS EXPERIENCE



**SMART CONTRACT  
& BLOCKCHAIN**  
5 YEARS EXPERIENCE



**DESINGING TO  
CODING**  
5 YEARS EXPERIENCE

# A Wallet System Developed by Walletless AI: Easy-Go Wallet

Easy Go Wallet (EGW) addresses the challenge of onboarding individuals who lack familiarity with Web3 technologies by offering a simplified user experience that eliminates the need for complex wallet setups. This approach aligns with the principles of user-centric design, which prioritize usability and accessibility for a broader audience. By streamlining the onboarding process and providing an intuitive interface, EGW lowers the entry barrier to decentralized finance (DeFi) platforms, enabling non-Web3 natives to participate in cryptocurrency transactions and other blockchain-based activities. However, one limitation of EGW is the absence of transaction confirmations visible to users. While this design choice enhances simplicity, it may also lead to user frustration and uncertainty regarding the status of their transactions. Research in human-computer interaction (HCI) emphasizes the importance of providing users with feedback and transparency to build trust and confidence in digital systems. Therefore, EGW developers should consider implementing features that offer users real-time updates and notifications on transaction progress to enhance user experience and satisfaction.

## Dex+ EGW: Empowering Users with Enhanced Security and Convenience

The integration of EGW with decentralized exchanges (DEX) enhances user capabilities by combining the security features of DEX with the convenience typically associated with centralized exchanges (CEX). This approach aligns with the evolving landscape of blockchain technology, where hybrid platforms aim to leverage the strengths of both decentralized and centralized models. By offering users access to a broader range of trading options and liquidity pools while maintaining a user-friendly interface, EGW promotes adoption and engagement in DeFi ecosystems.

In summary, EGW and dex+ EGW exemplify innovative approaches to addressing the needs of both novice and experienced users in the cryptocurrency space. Through user-centric design principles, seamless integration with decentralized exchanges, and a focus on security and convenience, EGW aims to democratize access to DeFi and empower users to take control of their financial assets in a decentralized manner.

# Real World Assets (RWA) and Their Role in Modern Finance

Real World Assets (RWA) have gained increasing attention in modern finance, representing tangible assets such as real estate, infrastructure, commodities, and natural resources. As traditional financial instruments face volatility and uncertainty, RWAs offer diversification benefits and a hedge against inflation, making them essential components of investment portfolios.

The valuation of RWAs presents unique challenges due to their heterogeneous nature and illiquidity. Traditional valuation models often fail to capture the complexities associated with these assets, leading to inaccurate pricing and risk assessment. As a result, there is a growing need for specialized valuation techniques tailored to RWAs.

Academic research has explored various aspects of RWA valuation and its implications for financial markets. For instance, proposed a stochastic modeling approach to assess the risk-return profile of real estate assets, considering factors such as location, market dynamics, and property characteristics. Similarly, developed a dynamic asset pricing model that accounts for the unique features of infrastructure investments, including regulatory risks and long-term cash flows.

Furthermore, the integration of alternative data sources, such as satellite imagery and IoT sensors, has enabled more accurate valuation and monitoring of RWAs. By leveraging big data analytics and machine learning algorithms, investors can gain valuable insights into asset performance and market trends in real-time.

In addition to valuation techniques, risk management strategies play a crucial role in optimizing RWA portfolios. Diversification across different asset classes and geographical regions helps mitigate specific risks associated with individual assets. Moreover, the use of financial derivatives, such as real estate investment trusts (REITs) and commodity futures, allows investors to hedge against adverse price movements and enhance portfolio efficiency.

In conclusion, Real World Assets (RWA) represent an important segment of modern finance, offering investors diversification benefits and long-term growth potential. Academic research continues to explore innovative valuation techniques and risk management strategies to better understand and harness the value of RWAs in investment portfolios.

# Digital Twin of Real Word Assets (dtRWA)



## Digital Twin of Real Word Assets(dtRWA)

Real-world assets are any kind of object that exists in a physical world and is designed or constructed for human use. Real-world assets can take on a wide variety of shapes and sizes, from buildings, bridges, factories, machines, vehicles, to even humans.

A digital twin of real-world assets (dtRWA) is a digital representation of a real-world asset. A dtRWA represents the physical properties, behaviors, and state of the real-world asset. A dtRWA can help us to better understand, optimize, and manage the real-world asset.

dtRWA is a powerful tool that can help us to better understand, optimize, and manage real-world assets. AI is playing an increasingly important role in the development and application of dtRWA.

Specifically, AI can be used to:

Create more accurate and reliable dtRWA. Optimize the performance of real-world assets. In the future AI-enhanced dtRWA will become more powerful and useful.



## Decentralized Twin of Real World Assets(dtRWA)

Decentralized twin of real-world assets refers to the representation of physical or tangible assets on a decentralized network, often using blockchain technology. This involves creating digital tokens or assets on a blockchain that reflect the value, ownership and characteristics of corresponding real-world assets.

The creation of decentralized twins for real-world assets has the potential to increase liquidity, reduce barriers to entry for investment, and enable fractional ownership. However, challenges such as regulatory compliance, security, and building trust in the traditional financial ecosystem need to be addressed for widespread adoption and acceptance.

Decentralized autonomous organizations (DAOs) or other governance mechanisms are needed to make decisions regarding the governance of the decentralized twin. This includes voting on protocol upgrades, changes to the entity's parameters, and other governance-related decisions.

# LOGIC-BASED ARTIFICIAL INTELLIGENCE ON SMART CONTRACTS

01

AI running on contracts like RWA or any contract Logic-Based Artificial Intelligence benefit.

Nowadays, AI is done with statistical models, which often causes them to be nonsense and give inconsistent answers and reviews, but with logic based AI, Every contract, every project is passed through a logical filter and gives consistent and precise reviews with deep review.

02

Blockchain technology has introduced a revolutionary innovation that enables smart contracts to operate authentically and transparently. However, integrating logic-based artificial intelligence (AI) to further enhance these smart contracts and enable them to make complex decisions offers very exciting potential.

03

This integration allows smart contracts to automate processes of complexity not previously possible and become more intelligent, adaptable and interactive. However, with the adoption of these technologies, it is important to focus on issues such as transparency, security and regulatory compliance. By following our, you can take a closer look at these exciting developments and learn about how the future digital financial world may be shaped.

For more information, you can visit [walletless.ai](https://walletless.ai)



# MULTI-PARTY COMPUTATION (MPC) WALLETS: SECURE STORAGE FOR THE DIGITAL AGE

## What is MPC?

Multi-Party Computation is a cryptographic technique that allows multiple parties to collaborate on a computation without revealing their individual inputs. In the context of wallets, this means that several servers (often run by different companies) each hold a fragment of your private key. No single server has the complete key, making it virtually impossible for any one party to steal your funds or compromise your privacy.

### How does it work?

Here's a simplified breakdown of how an MPC wallet operates:

**Key Splitting:** Your private key is split into several "shares" and distributed among the different servers.

**Secure Transactions:** When you want to make a transaction, the servers collectively perform the necessary cryptographic calculations without revealing their individual key shares.

**Authorization:** All servers must approve the transaction before it is executed, ensuring multi-factor authentication and preventing unauthorized access.

### The Future of MPC Wallets

Despite the challenges, MPC wallets represent a significant leap forward in crypto security and privacy. As the technology matures and becomes more user-friendly, we can expect MPC wallets to become a major player in the crypto landscape, offering users a secure and private way to manage their digital assets.

More Information: [walletless.ai](http://walletless.ai)



# NEXT-LEVEL BLOCKCHAIN ASSURANCE

## Introducing Our Premier Security and Logic Auditor Service

Introducing our cutting-edge Blockchain Security and Logic Auditor service, designed to empower your blockchain applications with unparalleled security and integrity. In the ever-evolving landscape of blockchain technology, safeguarding your smart contracts against both security threats and logical flaws is paramount. Our comprehensive service goes beyond traditional security measures, delving deep into the heart of your smart contracts to ensure they are not only secure but logically sound and mathematically robust.

Our team of blockchain experts employs the latest in cryptographic techniques and logical testing methodologies to meticulously analyze your smart contracts for potential vulnerabilities and logical inconsistencies. We understand that the strength of a blockchain system lies not only in its security but also in the flawless execution of its logic. Therefore, we dedicate ourselves to identifying and rectifying any mathematical errors or logical oversights that could compromise the integrity or performance of your smart contracts.

With our Blockchain Security and Logic Auditor service, you can rest assured that your blockchain projects are fortified against both external attacks and internal logical pitfalls. This dual focus ensures that your applications operate as intended, providing a seamless and secure experience for your users. Let us help you build trust and confidence in your blockchain solutions, making them the benchmark for security and reliability in the digital age.



# FER

# SENTIMENT ANALYSIS AND FACIAL EXPRESSION RECOGNITION FOR SELF-CONTROLLED DECISION MAKING

## Emotionally Intelligent Trading

Walletless, an innovative project in the realm of financial technology, introduces a groundbreaking system for self-control trading. Leveraging cutting-edge technologies such as sentiment analysis and facial expression recognition (FER), Walletless revolutionizes the way investors approach decision-making in the financial markets. At the core of Walletless is its advanced sentiment analysis tool, which sifts through vast amounts of textual data from various sources, including news articles and social media feeds. By employing sophisticated natural language processing algorithms, Walletless' sentiment analysis engine accurately gauges market sentiment and investor emotions in real-time. This invaluable insight allows traders to make informed decisions, identify potential trading opportunities, and mitigate risks effectively.

Complementing its sentiment analysis capability, Walletless incorporates facial expression recognition (FER) technology into its trading platform. Through computer vision algorithms, Walletless analyzes traders' facial expressions to infer emotional states such as greed, fear, or confidence. By monitoring traders' emotional reactions in real-time, Walletless empowers users to exercise self-control and discipline, preventing impulsive or irrational trading decisions.

With Walletless, traders can embrace a more disciplined and emotionally intelligent approach to trading. By seamlessly integrating sentiment analysis and FER into their trading strategies, Walletless users can navigate volatile market conditions with confidence and precision. Moreover, Walletless serves as a powerful risk management tool, helping traders stay focused, objective, and resilient amidst market fluctuations.

However, Walletless recognizes the importance of discretion and caution in utilizing sentiment analysis and FER. While these technologies offer invaluable insights, they should be used judiciously as part of a broader risk management framework. Walletless encourages users to exercise prudence and diligence in their trading endeavors, utilizing its innovative tools to enhance their decision-making capabilities and achieve long-term success in the financial markets.

## Layer 2 (for FER)

Understanding the common mistakes made by small investors is crucial for navigating the cryptocurrency market successfully. By utilizing AI tools like WLS, investors can proactively address these pitfalls. Emotional decision-making, lack of research, chasing hype, overtrading, ignoring risk management, following the herd, and impatience for quick profits are some prevalent errors. Acknowledging and rectifying these mistakes can refine investors' decision-making process, enhancing their chances of success. Leveraging AI-powered tools WLS, who investors gain access to data-driven insights, them to make disciplined investment choices and minimize potential losses in the dynamic cryptocurrency.

**Join us and enjoy winning.**





# **QRB**

## **QUANTUM-RESISTANT BLOCKCHAIN**

### **Leveraging Lattice-Based Cryptography and MPC for Enhanced Security**

Quantum computer and computational Layer 2 algorithm design that is resistant to cryptographic breakage is one of the most important stages for Walletless AI. Both the ease of scaling of Layer 2 and the benefits of Quantum Resistant Block cryptography will be used against new generation theft and hacking.

In the rapidly evolving world of blockchain technology, ensuring robust security against both current and future threats is paramount. Among these threats, the emergence of quantum computing poses a significant risk, capable of breaking traditional cryptographic algorithms that underpin the integrity and security of many blockchain systems. A promising solution to this challenge lies in the integration of lattice-based cryptography, Layer 2 solutions, and Multi-Party Computation (MPC) to create a quantum-resistant blockchain architecture.

Lattice-based cryptography is at the forefront of quantum-resistant cryptographic research. It relies on the hardness of solving problems related to lattices—grid-like mathematical structures in high-dimensional spaces—which are believed to be secure against attacks from both classical and quantum computers. By incorporating lattice-based cryptographic algorithms for key generation, encryption, and digital signatures, blockchain technologies can ensure long-term security and privacy in a post-quantum world.

# Layer 2

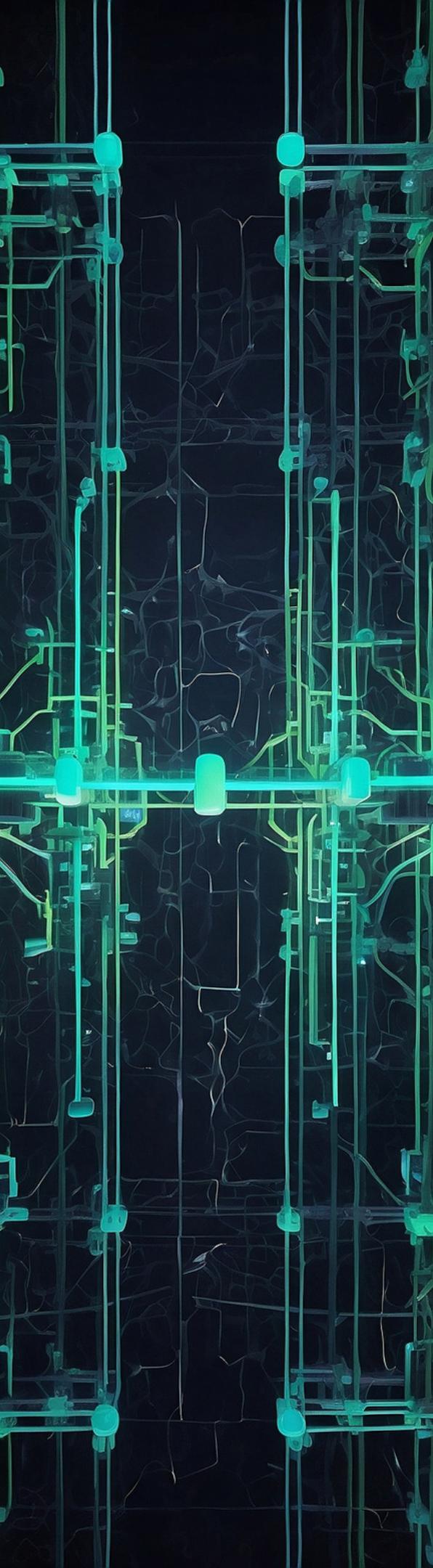
## (for QRB)

Layer 2 solutions, designed to enhance the scalability and efficiency of blockchains by offloading transactions from the main chain (Layer 1), can also benefit from lattice-based cryptography. These solutions, such as state channels and rollups, can leverage quantum-resistant cryptographic methods to secure off-chain transactions and data, ensuring that the increased performance does not compromise security.

Multi-Party Computation (MPC) further strengthens this architecture by allowing multiple parties to jointly compute a function over their inputs while keeping those inputs private. Integrating MPC with lattice-based cryptographic techniques ensures that smart contracts and decentralized applications (dApps) can operate securely and privately, even in a quantum computing era.

By combining lattice-based cryptography for quantum resistance, Layer 2 solutions for scalability, and MPC for privacy and security, blockchain technology can be fortified against the looming threat of quantum computing. This multi-faceted approach not only addresses the quantum challenge but also enhances the efficiency, scalability, and privacy of blockchain systems, paving the way for more secure, efficient, and resilient decentralized applications in the future.

Walletless AI project already rolled up its sleeves to produce solutions for technologies that 99.9% of people will hear about in 5 years.





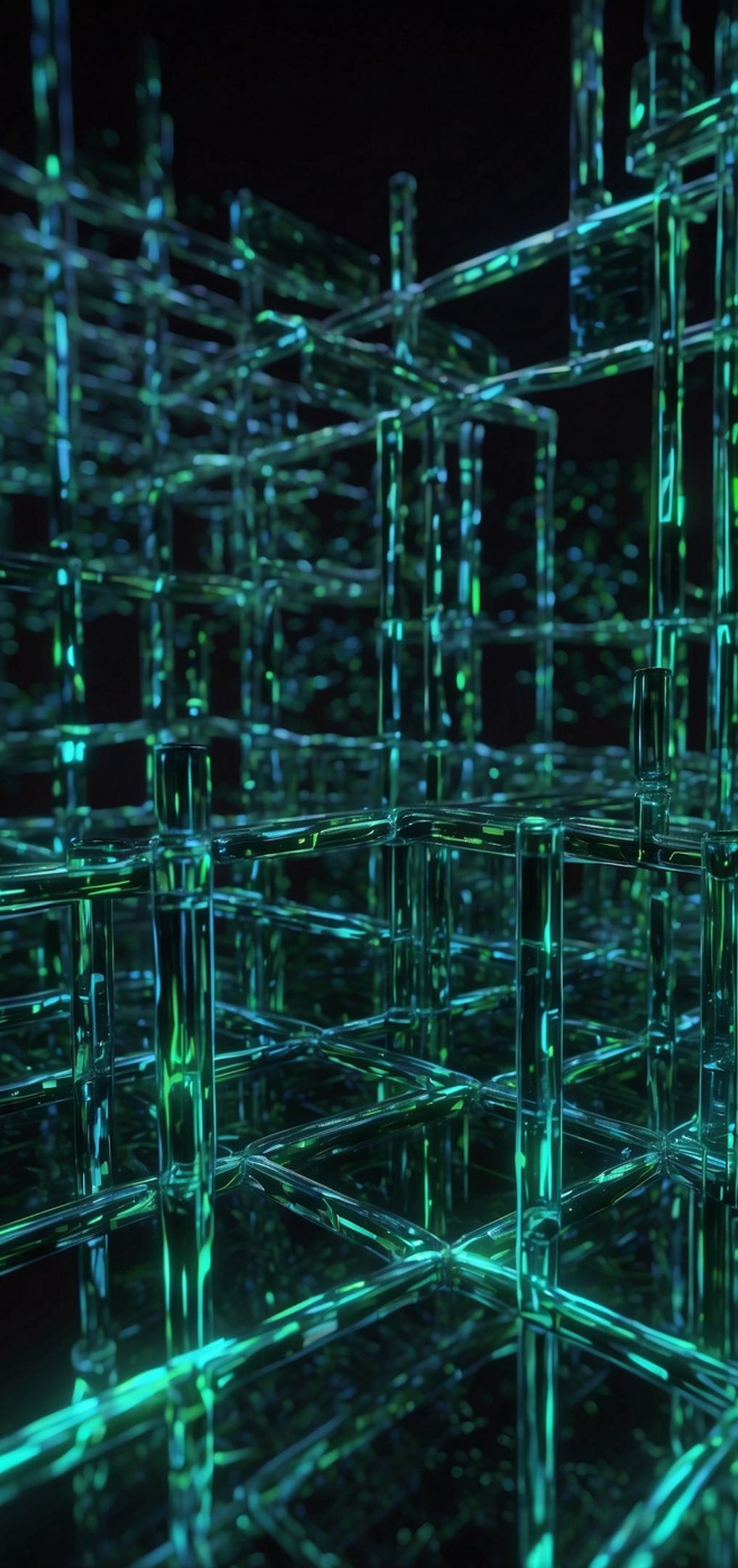
# DAO

## DECENTRALIZED AUTONOMOUS ORGANIZATIONS

### Enhancing Privacy, Security, and Inclusivity in Proposal Voting

In the evolving landscape of decentralized autonomous organizations (DAOs), the challenge lies not only in decentralized governance but also in ensuring the privacy, security, and inclusivity of the decision-making processes. We explore a use case that integrates advanced cryptographic techniques—specifically Zero-Knowledge Proofs (ZKPs), Secure Multiparty Computation (SMC), and set partitioning—into the DAO's voting mechanisms. The primary focus is on fostering a more democratic and secure environment for proposal voting within the DAO.

DAOs, designed for community-driven decision-making, face hurdles in the voting process, especially when it comes to proposals [1]. Privacy concerns inhibit members from expressing their preferences openly, fearing individual vote exposure and external pressures [2]. Security risks loom over centralized tallying systems, with potential compromises undermining the integrity of voting data. Furthermore, the diverse composition of the DAO, featuring members with varied expertise and interests, necessitates a more nuanced approach to decision-making that accommodates different interest groups [3].



To address these challenges, a comprehensive solution is proposed, leveraging cutting-edge cryptographic tools [4, 5]. Zero-Knowledge Proofs (ZKPs) come into play to protect the privacy of individual votes, allowing members to cast votes without revealing specific preferences while providing verifiable proof of vote validity. Secure Multiparty Computation (SMC) enhances overall security by ensuring decentralized computations on encrypted votes, preventing any single entity from accessing the complete set of votes. Additionally, set partitioning categorizes community members into distinct interest groups based on expertise, facilitating tailored decision-making that better captures the diverse perspectives within the DAO.

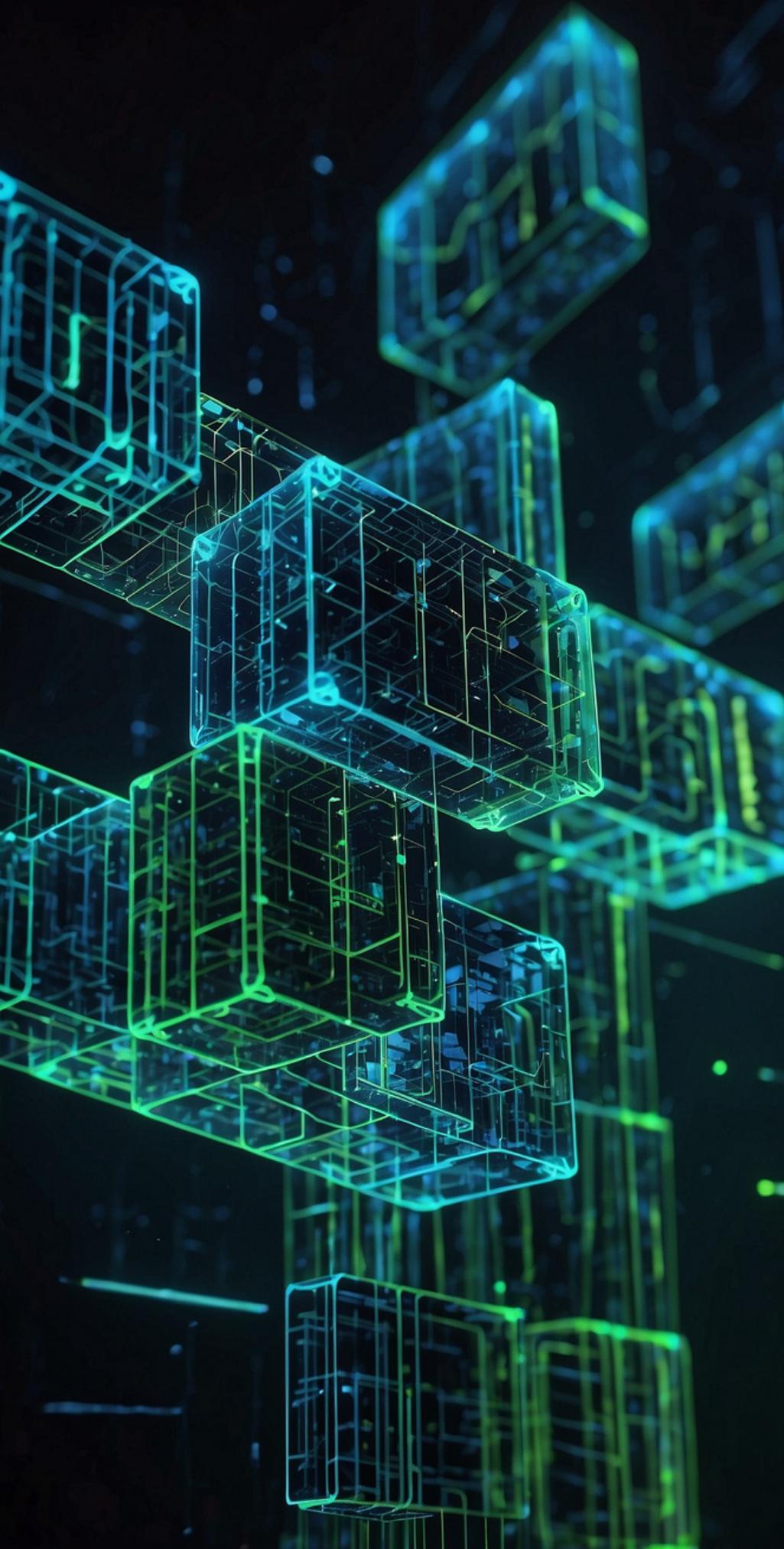
The overarching objective is to establish a voting system within the DAO that harmonizes privacy, security, and inclusivity. By deploying ZKPs, SMC, and set partitioning, the proposed solution aims to protect the privacy of individual votes, allowing members to express preferences openly without fear of exposure. SMC enhances the security and integrity of the decision-making process, safeguarding against unauthorized access and manipulation. Set partitioning contributes by tailoring governance to the unique characteristics of different interest groups, promoting more informed and nuanced decision-making. Ultimately, the solution seeks to create a transparent, secure, and democratic decentralized governance system, fostering trust within the DAO community. Through this new approach, DAOs can evolve into more resilient and participatory entities, reflecting the true spirit of decentralized governance.



# Layer 2 (for DAO)

The scalability challenges of blockchain technology significantly impact its performance, leading to notable consequences. As of the current writing, scalability stands out as the primary bottleneck in the blockchain infrastructure. Despite the potential to rival major electronic payment networks, blockchain is constrained by its ability to manage only a limited number of transactions per second (TPS) [6].

In the evolving landscape of decentralized autonomous organizations (DAOs), the challenge lies not only in decentralized governance but also in ensuring the privacy, security, and inclusivity of the decision-making processes. We explore a use case that integrates advanced cryptographic techniques—specifically Zero-Knowledge Proofs (ZKPs), Secure Multiparty Computation (SMC), and set partitioning—into the DAO's voting mechanisms. The primary focus is on fostering a more democratic and secure environment for proposal voting within the DAO. To illustrate this challenge, consider two prominent blockchains: Bitcoin, with a processing capacity of 4.7 TPS, and Ethereum, processing approximately 14.4 TPS (with slightly variable values). In contrast, a leading electronic payment network like Visa can handle around 1,736 TPS and has reached peak levels of 47,000 TPS. This highlights the significant disparity in transaction throughput [7]. The prevalent and widely adopted method for attaining scalability in blockchain is commonly referred to as "Layer 2." The fundamental concept involves creating a framework that manages transactions off the main chain (off-chain), essentially operating independently of it.



This approach aims to lessen the burden on the blockchain, resulting in increased transaction speed. A Layer 2 solution is a secondary protocol built on-top of an existing blockchain; the underlying concept of this framework can vary, but the fundamental idea is to host transactions and provide only a condensed "summary" of them on the main chain. This concept not only results in increased transaction speed but also generally leads to lower fees (a direct outcome of higher TPS). Consequently, Layer 2 solutions are suitable environments for conducting micropayments [8, 9]. Additional benefits of Layer 2 include the absence of necessary modifications to the main chain and the somewhat independent off-chain transaction management from "Layer 1."

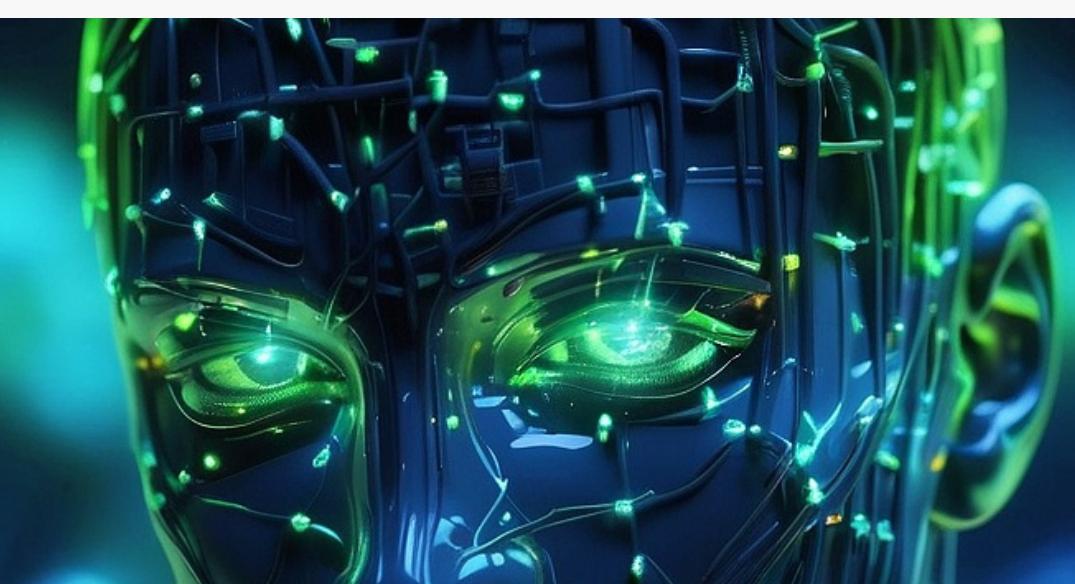
In essence, while there is a requisite dependency to record a condensed "summary" of transactions on-chain, the blockchain remains unaware of the activities on Layer 2. There exist various kinds of high-level Layer 2 (L2) solutions such as Rollups [10], Sidechains [11], and etc. Another point regarding Layer 2 frameworks is that various protocols can be integrated on the same main chain to maximize scalability. This is achievable because the blockchain remains entirely unchanged and unaffected by the implementation of Layer 2 solutions.

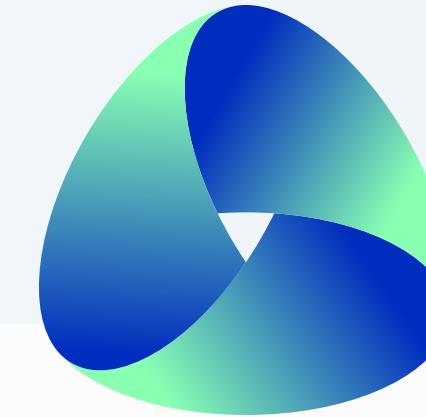
In conclusion, Layer 2 solutions emerge as the pivotal present and future response to the pressing scalability concerns within the realm of blockchain technology. As the blockchain landscape continues to evolve, Layer 2 solutions stand as the beacon guiding the way toward a more scalable, efficient, and inclusive blockchain future.



# SCIENTIFIC REFERENCES

- [1] Rikken, O., Janssen, M., & Kwee, Z. (2019). Governance challenges of blockchain and decentralized autonomous organizations. *Information Polity*, 24(4), 397-417.
- [2] Zhang, W., Yuan, Y., Hu, Y., Huang, S., Cao, S., Chopra, A., & Huang, S. (2018, July). A privacy-preserving voting protocol on blockchain. In 2018 IEEE 11th International Conference on Cloud Computing (CLOUD) (pp. 401-408). IEEE.
- [3] Dimitri, N. (2023). Voting in DAOs. *Distributed Ledger Technologies: Research and Practice*, 2(4), 1-12.
- [4] Zhou, J., Feng, Y., Wang, Z., & Guo, D. (2021). Using secure multi-party computation to protect privacy on a permissioned blockchain. *Sensors*, 21(4), 1540.
- [5] Yang, X., Yi, X., Nepal, S., Kelarev, A., & Han, F. (2020). Blockchain voting: Publicly verifiable online voting protocol without trusted tallying authorities. *Future Generation Computer Systems*, 112, 859-874.
- [6] Croman, K., Decker, C., Eyal, I., Gencer, A. E., Juels, A., Kosba, A., ... & Wattenhofer, R. (2016, February). On Scaling Decentralized Blockchains: (A Position Paper). In International conference on financial cryptography and data security (pp. 106-125). Berlin, Heidelberg: Springer Berlin Heidelberg.
- [7] Narayanan, A., Bonneau, J., Felten, E., Miller, A., & Goldfeder, S. (2016). Bitcoin and cryptocurrency technologies: a comprehensive introduction. Princeton University Press.
- [8] Gudgeon, L., Moreno-Sanchez, P., Roos, S., McCorry, P., & Gervais, A. (2020). Sok: Layer-two blockchain protocols. In Financial Cryptography and Data Security: 24th International Conference, FC 2020, Kota Kinabalu, Malaysia, February 10–14, 2020 Revised Selected Papers 24 (pp. 201-226). Springer International Publishing.
- [9] J. Poon and T. Dryja. "The Bitcoin Lightning Network. Scalable Off-Chain Instant Payments". In: (2016). url: <https://lightning.network/lightningnetwork-paper.pdf>.
- [10] Layer 2 Rollups. url:<https://ethereum.org/en/developers/docs/scaling>
- [11] "Blockchain Scalability - Sidechains and Payment Channels". In: Binance Academy (2021). url:<https://academy.binance.com/en/articles/blockchain-scalability-sidechains-and-payment-channels>





# One step left to **FUTURE...**

Join the **presales**, get [WLS](#) tokens for cheaper.



WEBSITE

[walletless.ai](http://walletless.ai)



SOCIAL MEDIA

[walletlessai](#)



MAIL

[business@walletless.ai](mailto:business@walletless.ai)



## Legal Disclaimer

### 1. Investment Risk:

Investing in cryptocurrencies involves a high degree of speculation and volatility. Any investment in our Walletless project carries the risk of significant capital loss. Before deciding to invest, carefully assess your risk tolerance and seek advice from independent financial advisors.

### 2. No Warranty of Information:

All information provided in this document is for general informational purposes only. We do not guarantee the accuracy or timeliness of the information provided. Market conditions and other factors related to our Walletless project may cause this information to change.

### 3. Regulatory Warning:

Our Walletless project may be subject to cryptocurrency regulations and local laws. Investors should carefully review the cryptocurrency regulations in their own countries and ensure that our Walletless project is legally accessible to them.

### 4. Technical Risks:

Cryptocurrency technology is susceptible to technical risks such as errors and security vulnerabilities. The security and performance of our Walletless project may be affected by such risks. Understanding these risks is important before investing in our Walletless project.

### 5. Future Performance:

The future performance predictions provided in this document are based on current assumptions and uncertainties. Actual performance may significantly differ from our projections. We do not guarantee or commit to future performance of our Walletless project.

### 6. Tax and Legal Advice:

Before investing in our Walletless project, carefully consider your tax situation and legal obligations. It is recommended to seek appropriate legal and tax advice before making investment decisions related to our Walletless project.

Please read this disclaimer carefully and ensure that you understand the risks before investing in our Walletless project. All investments in our Walletless project involve high risks, and we do not recommend investing more capital than you can afford to lose.

**Our Contact,**

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 [walletless.ai](http://walletless.ai)