



MIAMI VIBE

NETWORK

LITEPAPER



POWERED BY ARTIFICIAL INTELLIGENCE



WELCOME TO MIAMI

MACHINE LEARNING MEETS WEB3

Welcome to the creative flow state of Web3. Miami Network, known simply as Miami, is a powerful, fast, and efficient EVM Compatible blockchain. Built by a team of artificial intelligence researchers, scientists, and machine learning experts. An open-source blockchain optimized by AI.

DREAM-FUELED BLOCKCHAIN PARADISE

AI-BOOSTED CHAIN

Miami Network, the unstoppable force: a lightning-fast, supercharged EVM-compatible blockchain powered by Deep Learning



NEURO FORGE

Forged by elite AI researchers, scientists, and machine learning masters.

AI JUGGERNAUT

An open-source juggernaut, harnessing state-of-the-art AI to annihilate gas fees and obliterate transaction times



INTRO



Blockchain technology is a distributed ledger system that provides secure, transparent, and tamper-proof record-keeping. Its decentralized nature eliminates the need for intermediaries and enables peer-to-peer transactions, making it ideal for a wide range of use cases, including digital currencies, supply chain management, and identity verification. In this whitepaper, we will explore the potential of blockchain technology and the benefits it can offer to various industries.

UNLEASHING THE POWER OF REAL AI: ALGORITHMS DESIGNED TO HELP ARTISTS, CREATORS, AND METAVERSE EXPLORERS

Miami Network is not just another buzzword-filled promise of AI. We go beyond simplistic chatbots or search engines. Our AI technology leverages machine learning algorithms and large data sets to create optimized decision-making models that outperform human efficiency. These mathematical models are meticulously coded, trained, and optimized to deliver results far more efficiently than humans ever could.

While Miami Network is designed to serve artistic and creative explorers in the metaverse, it is powered by a cutting-edge algorithmic system that has been created and fine-tuned by our team of experts. As with any strong AI, the training of our models continues. We firmly believe in the power of professional math to create a truly professional-grade blockchain experience.

BENEFITS



BENEFITS OF AI AND BLOCKCHAIN TECHNOLOGY



AUTOMATED BY A.I.

A.I. automates many of the optimization, efficiency, and accuracy tasks. Faster, more efficient, better decisions.



TRANSPARENCY

With blockchain technology, record-keeping is transparent and auditable, as all transactions are recorded and visible to all parties involved. By incorporating AI, transactions can be analyzed in real-time, leading to automated detection and prevention of fraudulent activities.



EFFICIENCY

Blockchains are decentralized, thus eliminating intermediaries. This results in faster transaction processing and reduced costs. AI enables automation of various processes, further enhancing efficiency. This creates new opportunities for growth and innovation.



DECENTRALIZATION

No single entity controls the network. This allows greater privacy and security and eliminates single points of failure.

COMING TO MIAMI IS FAST AND EASY



1

A COMMON LANGUAGE

Miami is Fully EVM
Compatible using Solidity

2

EXPATS WELCOME

Begin your journey in just 1 click.
Keep your wallet, keep your keys.
Just connect to Miami's RPCs

3

VIBRANT, LIKE MIAMI

Web3 creatives, artists, and
gamers have a new home

EMPOWERING THE METAVERSE TRAILBLAZERS

AI UNCHAINED

BEYOND BUZZWORDS

Miami Network transcends conventional AI. We crush chatbots and search engines with our bare hands.



EVOLVING INTELLIGENCE

Relentlessly training our models, we're convinced that professional math is the key to a mind-blowing blockchain experience.

MACHINE LEARNING ON STEROIDS

Optimized decision-making models, meticulously coded and trained to outpace human efficiency.



EXPERTLY CRAFTED

A high-octane algorithmic system fueling the creative explorers of the metaverse.



FEATURES SUMMARY



STICK WITH SOLIDITY

Re-deploy your smart contracts in seconds. No code changes needed



HIGH OCTANE SPEED

Fast throughput, low latency block timing, and efficient resource management with lower gas.



REAL AI, REAL IMPACT

Math and Algorithm-Driven Blockchain empowers the Metaverse. No BS.



SCALE

With high throughput, your dApps and transactions can scale to new heights



HIGHLY CONFIGURABLE

Deploy various blockchain infrastructures to fit your dApp's needs. Your code, your choices



POWERED BY \$VIBE



THE SECRET ENERGY IN THE
THRIVING ECOSYSTEM

THE VIBE TOKEN IS USED FOR:

- 📋 Deploying Smart Contracts
- ⌚ Transaction Fees
- 🛡️ Protocol Security
- 🌀 Governance and Staking (New Iterations)





PROBLEM/SOLUTION

PROBLEM: SCALABILITY AND RELIABILITY

Blockchain technology inherently struggles to accommodate a high volume of simultaneous transactions and users. Each transaction needs to be verified and recorded by all validators in the network, leading to slow, expensive, and unreliable transactions.

SOLUTION: PROOF OF TRUST AND STAKE POOLS

Miami Network introduces PoTS, where validators who have greater trust and stake in the network possess increased voting power. This structure allows the network to handle a higher volume of transactions and users without compromising security or performance. Each validator's trust scores are publicly visible and verifiable, which maintains network transparency.

Furthermore, the Kempelen consensus engine (PoSA-K), an upgrade over the existing Parlia consensus engine used by the BNB chain, is implemented. By maintaining the lightweight, common-trust based staked authority proof validating consensus, it addresses the issues that arise from human-decided authority assignment. This distributed, intelligent authority assignment process eliminates most of the human involvement in maintaining the chain.

PROBLEM/SOLUTION



PROBLEM: SECURITY

Blockchain technology is susceptible to attacks from malicious actors, which can compromise the integrity of the network and result in the confirmation and recording of false transactions.

SOLUTION: COMMUNITY-DRIVEN KEMPELEN AI

Miami Network implements Kempelen AI nodes, community-operated nodes designed to detect anomalies or attacks on validators, based on transactions sent by the PoTS pool. This approach identifies and tracks malicious transactions on chain, enhancing the network's security and reliability.

Moreover, the community can implement their own algorithms, strengthening network security by rapidly detecting and neutralizing threats. The routing between nodes for optimization ensures that transactions are batched by type onto each block and are pushed into the highest scored nodes. Community members can even deploy their own Kempelen nodes and earn a percentage of the gas fee used in each transaction they process, which not only increases security but also incentivizes individuals to develop optimized algorithms that can process more transactions.

PROBLEM/SOLUTION



📍 PROBLEM: UNCERTAINTIES, COMPLIANCE, AND GOVERNANCE CHALLENGES

Blockchain technology, especially those operating under Proof of Authority (PoA) consensus, functions with a central authority or control. This can create uncertainties, compliance issues, and governance challenges for users and developers.

SOLUTION : PROOF OF STAKE AUTHORITY (POSA)

Miami Network introduces PoSA, where the main validator set comprises 34 validators, with 21 being randomly selected after each period. This design eliminates the need for a central authority to manage messages from Kempelen Pools, which identify potential malicious activity among PoTS validators.

The use of Hamiltonian Statistical Zero Knowledge for automated authority assignment maintains the blockchain state as a continuous Hamiltonian graph. Depending on the authority pool a prospector is trying to join, two separate queries are formed. Either the prospector will need to prove that it knows the isomorphism between two matrices by demonstration, or it will need to provide the number of vertices of a specific matrix. If a prospector can provide a passing answer, it is granted signing authority over a fixed number of blocks, then this process is repeated.

By promoting such network decentralization, governance challenges are mitigated. Furthermore, by providing equal opportunities for all validators to participate and earn rewards, PoSA fosters network fairness.

TEAM



Miami is developing a decentralized, open-source blockchain. Users can keep up-to-date and even contribute to the codebase on GitHub. Furthermore, we invite everyone to join us on testnet before mainnet launch.

The Miami team embodies the spirit of true Vice Cops - A team that keeps a low profile but produces groundbreaking innovation. Rather than seeking fame, they prefer to let their work speak for itself. True Vice Cops stay undercover and people only know them by their work.

The team has decades of experience in blockchain, business, and artificial intelligence. The team members are highly skilled and possess years of professional experience as machine learning engineers, data scientists, artificial intelligence consultants, and automated robotics developers. They have worked with Fortune 500 companies and individuals with PhD-level academic backgrounds in the field of AI. And they have been part of some revolutionary Web3 projects in the past as well.

TEAM MEMBERS:



Gunner Allen
CEO



Arthur Lewis
COO



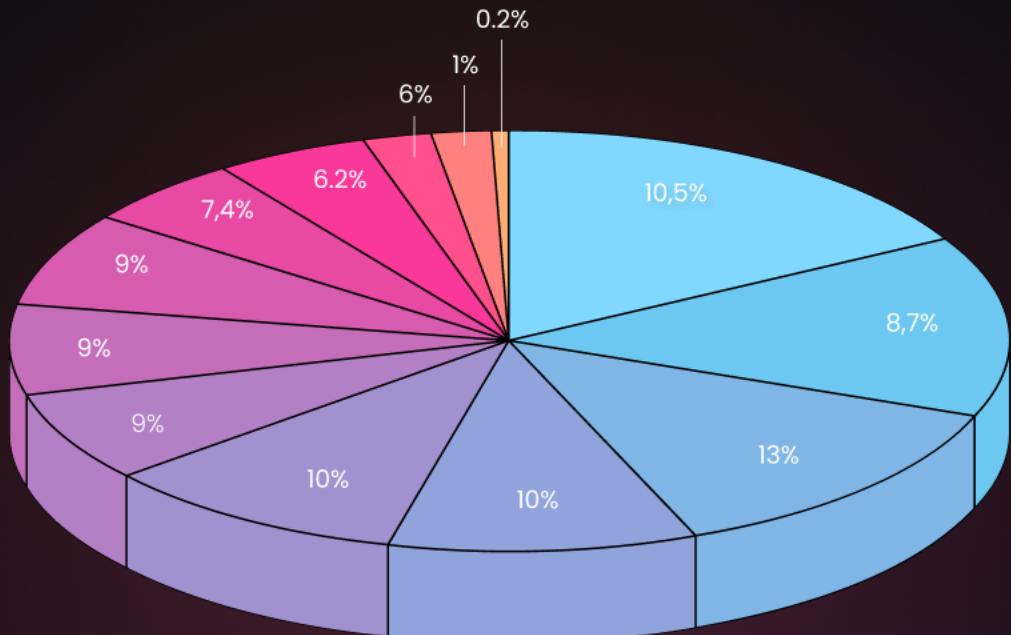
Ortega
CFO



Antonio Costa
CTO



TOKENOMICS



PERCENT TOTAL

INITIAL UNLOCK

VESTING PERIOD

	PERCENT TOTAL	INITIAL UNLOCK	VESTING PERIOD
● SEED	8.7	3	20
● STRATEGIC ROUND	10.5	3.5	18
● IDO	0.2	10	2
● LIQUIDITY	1	100	0
● MIAMI SUNRISE (PUBLIC REWARDS)	10	0.5	10
● ADVISORS AND PARTNERS	6.2	1	24
● MIAMI NIGHTLIFE (MARKETING)	13	0.5	12
● TREASURY FOR GROWTH	6	0.5	12
● LONG TERM ECOSYSTEM DEVELOPMENT	10	0.5	24
● NEW DEVELOPER ACQUISITION FUND	7.4	0.5	6
● FOUNDERS	9	0.5	24
● EARLY EMPLOYEE INCENTIVES	9	0.5	12
● FUTURE EMPLOYEE INCENTIVES	9	0.5	18

MARKET CAP EXCLUDING LIQUIDITY

\$2,855,375

DISCLAIMER AND TERMS



You must be aware that the Miami token is the utility token that runs the Miami blockchain. It is not to be considered a security or investment or financial instrument, as you may lose some or all of your funds by purchasing it. Miami is a decentralized, open source, research experiment to push the boundaries of blockchain technology. It is inherently risky.

Users from the United States, European Union, Canada, UK, China, Singapore, Hong Kong are prohibited from participating in the initial phases of Miami launch.

Inadequate disclosure of information : As at the date hereof, the Miami Network is still under development and its design concepts, consensus mechanisms, algorithms, codes, and other technical details and parameters may be constantly and frequently updated and changed. Although this white paper contains the most current information relating to the Miami Network, it is not absolutely complete and may still be adjusted and updated by the Miami Development team from time to time. The Miami Development team has no ability and obligation to keep holders of Miami Token informed of every detail (including development progress and expected milestones) regarding the project to develop the Miami Network, hence insufficient information disclosure is inevitable and reasonable.

Failure to develop : There is the risk that the development of the Miami Network will not be executed or implemented as planned, for a variety of reasons, including without limitation the event of a decline in the prices of any digital asset, virtual currency or Miami Token, unforeseen technical difficulties, and shortage of development funds for activities.



CONNECT WITH US

 twitter.com/miamivibeorg

 discord.gg/nJU9wWbqbQ

 miamivibe.org

 t.me/miamivibeorg

