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Abstract

LEMON is a blockchain designed to address the specific challenges faced by real products, services, and real-world assets (RWAs) across various industries. Utilizing an Asynchronous Byzantine Fault Tolerance (aBFT) model and a Directed Acyclic Graph (DAG) structure, LEMON offers exceptional scalability, speed, and unique monetization opportunities.

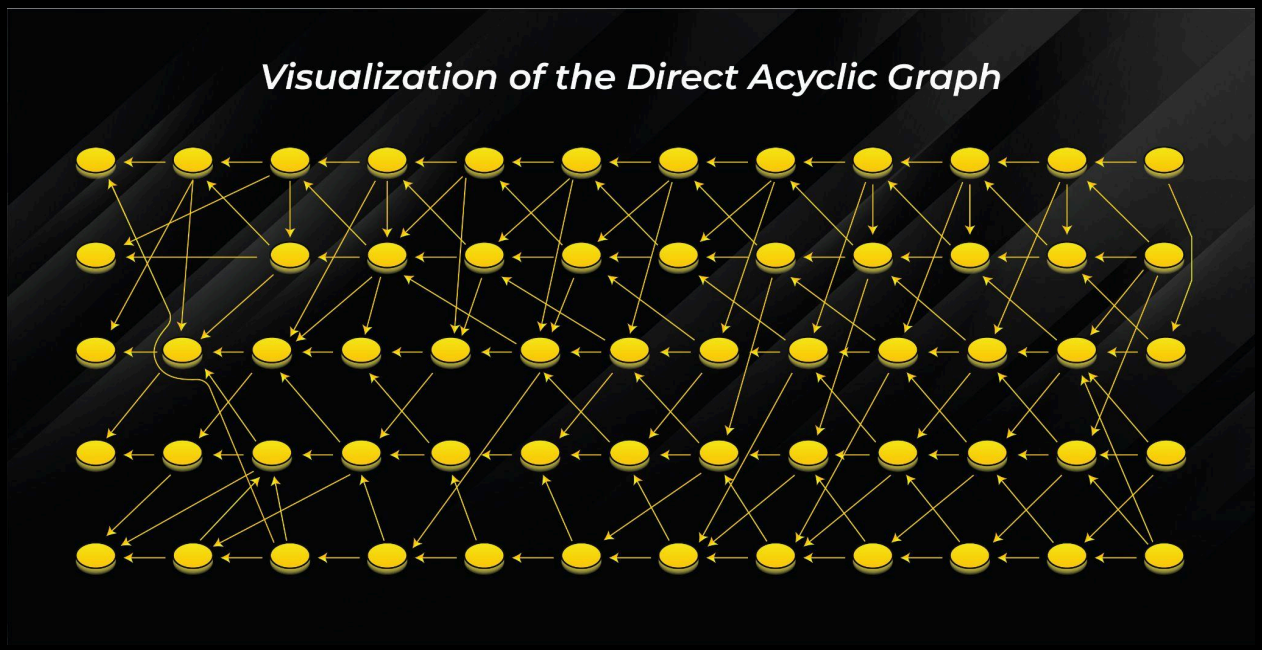
The platform aims to redefine the landscape of physical and digital assets by seamlessly integrating with existing systems and tackling the scalability issues inherent in centralized networks. By promoting a more efficient, decentralized solution, LEMON facilitates the digitization and tokenization of real-world products, services, and RWAs, paving the way for a new era of blockchain-driven transformation.

Introduction

In the digital era, blockchain technology faces ongoing challenges with real-time transaction settlements and scalability. Despite groundbreaking innovations from Bitcoin and Ethereum, sequential transaction processing leads to delayed confirmations, limiting widespread adoption.

Emerging smart contract platforms like Substrate and CosmWasm have made strides, yet the application of public distributed ledgers across industries remains inconsistent. The LEMON technology and infrastructure has been specifically developed to address these challenges head on, leveraging EVM principles to offer an advanced smart contract solution.

LEMON focuses on resolving the scalability issues inherent in existing public distributed ledger technologies. By moving away from traditional block ledger-based storage, LEMON enhances existing DAG-based protocols, providing a more robust solution.

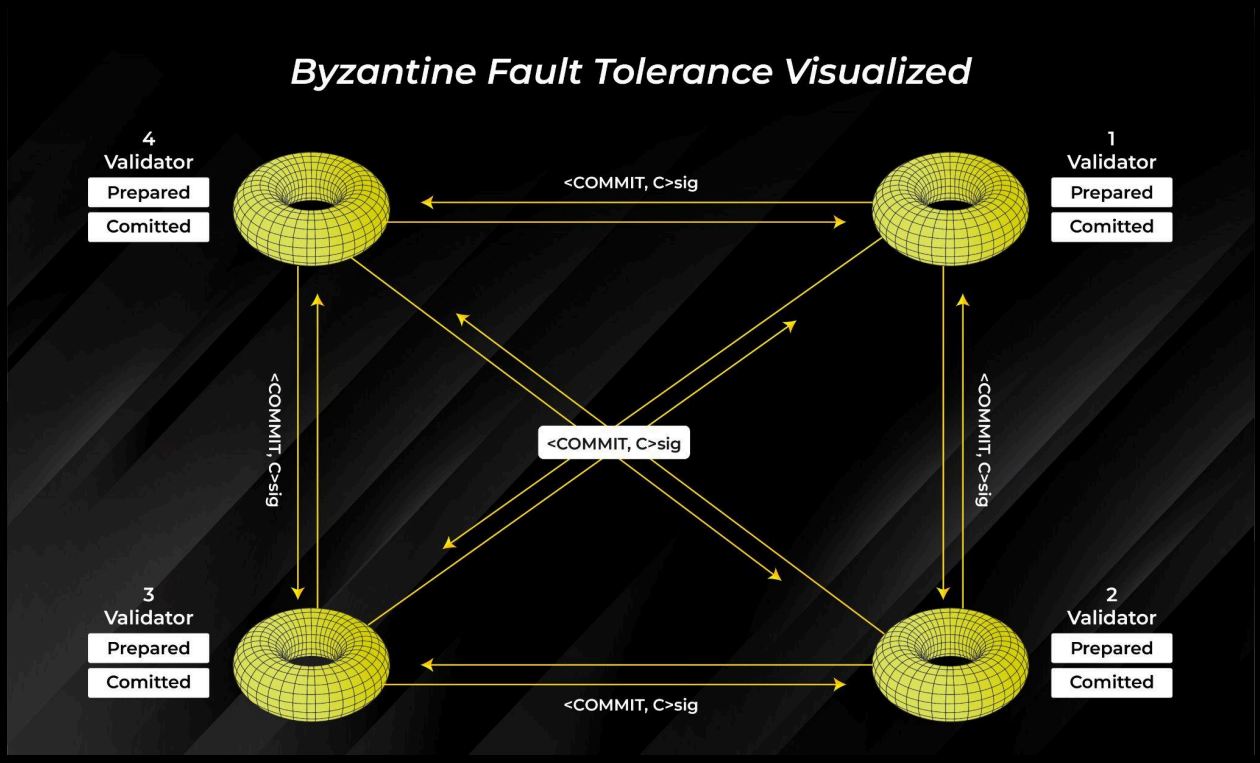


LEMON's protocol, built on an Asynchronous Byzantine Fault Tolerance (aBFT) model, ensures network consensus, allowing transactions on the LEMON blockchain to be finalized within 1-2 seconds.

Beyond ensuring compatibility for global transactions, LEMON is designed to foster an ecosystem that enables real-time transactions and data sharing at minimal cost, specifically tailored for the direct payment industry.

With its strengths in scalability, speed, and low transaction fees, LEMON offers a decentralized solution to the scalability challenges faced by centralized payment networks.

Overview



LEMON is a high-performance, RWA-centric blockchain platform inspired by the innovative technology of the Fantom network. It has been meticulously designed to prioritize speed, scalability, and reduced transaction costs, making it exceptionally well-suited for the fast-paced, high-volume digital payment industry. As the world moves toward a more interconnected financial ecosystem, LEMON is positioned to handle the increasing data flow required to support several different multi-trillion-dollar sectors from direct payments, instant settlements to real-world asset (RWA) tokenization that is occurring globally.

One of LEMON's standout features is its ability to seamlessly support a high volume of transactions. The platform is specifically engineered to enable instant payments worldwide, which is essential for today’s digital economy. Furthermore, LEMON facilitates the buying and selling of traditional assets in the evolving digital blockchain space, bridging the gap between conventional finance and the rapidly growing world of tokenized assets. This capability not only enhances transaction efficiency but also meets the diverse demands of traditional markets, thereby allowing for monetization and liquidity in ways that conventional platforms simply cannot achieve.

In addition to its transaction capabilities, LEMON empowers users by providing tools that facilitate the smooth integration of traditional assets into the blockchain ecosystem. This

transformative approach opens new avenues for asset management, enabling both individuals and institutions to engage in digital finance with unprecedented ease, transparency and security. As the demand for real-time transactions and asset tokenization grows, LEMON is poised to play a pivotal role in shaping the future of worldwide asset tokenization.

LEMON's architecture is designed to adapt to the ever-changing landscape of global finance, making it a future-proof solution for businesses and investors alike. By leveraging advanced technology and innovative protocols, LEMON not only enhances the speed and efficiency of financial transactions but also promotes transparency and security in asset management.

As the platform continues to evolve, it remains dedicated to fostering a more inclusive financial environment, where assets are easily accessible and monetizable. With LEMON, users can expect a seamless experience that empowers them to navigate the complexities of the digital asset landscape, driving innovation and growth across multiple sectors.

Mission

LEMON is steadfast in its commitment to freeing the markets by addressing and overcoming the existing scalability and speed limitations in the blockchain technology landscape. This mission is particularly crucial in the context of the rapidly expanding global instant payment solutions industry and the emerging sector of real-world assets (RWAs). By prioritizing these challenges, LEMON aims to create a robust platform that can meet the increasing demands of businesses and consumers alike.

The versatility of LEMON makes it an ideal solution for global businesses and government entities, enabling them to leverage blockchain technology to streamline operations and enhance transparency. With hundreds of billions of dollars in assets from numerous countries awaiting tokenization, LEMON is poised to emerge as a leader in this space the moment the LEMON tokenization engine and compliant NFT framework are launched. This significant milestone will transform the RWA sector, paving the way for a more inclusive and efficient financial ecosystem.

LEMON's innovative design allows for seamless integration with investment firms around the world, effectively bridging the gap between traditional finance and the digital asset landscape. This capability empowers a diverse range of illiquid assets to gain newfound life and value—something that has historically been unattainable through conventional financial methods. By enabling these assets to be tokenized, LEMON not only enhances liquidity but also democratizes access to investment opportunities, allowing a broader audience to participate in markets that were previously out of reach.

Importantly, LEMON brings significant value to developing countries that have historically been cut off from accessing credit markets. These nations can now connect with worldwide investors, unlocking new potential for previously illiquid assets and infrastructure projects. This access can catalyze growth and development, providing the necessary funding to drive progress and improve living standards.

As LEMON continues to develop and refine its platform, it stands ready to lead the charge in revolutionizing how we perceive and interact with assets in the digital age. By fostering collaboration among various entities and leveraging cutting-edge technology, LEMON aims to create a future where financial transactions are instantaneous, transparent, and accessible to all, ultimately empowering individuals and communities to thrive in a liberated marketplace

Vision

Our vision is to catalyze the widespread adoption of blockchain technology across diverse sectors through an innovative free NFT model. By doing so, we aim to pave the way for mass adoption, fostering greater decentralization and transparency while shaping the digital future revolution. This initiative will empower individuals and organizations alike, unlocking new opportunities and driving transformative change in how we interact with digital assets and communities. LEMON envisions a transformative landscape where blockchain technology seamlessly integrates into the fabric of everyday business operations. This integration enables real-time transactions, efficient data sharing, instant customer interactions, and endless monetization opportunities. By harnessing the power of blockchain, businesses can enhance their operational efficiency, foster trust, and unlock new revenue streams, ultimately reshaping the way they engage with customers and drive growth.

We believe that the power of blockchain can revolutionize industries by enhancing trust and security, reducing costs, and increasing efficiency. In this future, businesses will operate on decentralized platforms that prioritize transparency and fairness, enabling them to forge stronger relationships with their customers and stakeholders. This shift will not only enhance operational efficiency but also empower individuals and organizations to leverage blockchain for innovative solutions that address real-world challenges.

Leveraging our access to New Media Holding's expansive network boasting 1.9 billion followers, 4 million influencers, and generating 20 billion monthly impressions. LEMON is uniquely positioned to lead a profound transformation in the digital landscape. Our platform is designed to facilitate the smooth integration of blockchain into traditional systems while empowering users to harness its full potential. By combining cutting-edge technology with strategic partnerships, we will create an ecosystem that nurtures creativity and innovation.

As we move forward, LEMON is committed to promoting collaboration among various sectors, including businesses, governments, and consumers. We envision a future where blockchain technology enhances everyday experiences, drives economic growth, and democratizes access to financial opportunities. By fostering an inclusive environment, we aim to ensure that all individuals, regardless of their background, can participate in and benefit from the digital economy.

Together, we will redefine how businesses and consumers interact in a rapidly evolving digital landscape. Our mission is not only to drive technological advancement but also to empower communities to thrive in a liberated marketplace. With LEMON at the forefront, we are confident

that we can create a future where blockchain technology becomes an integral part of our daily lives, unlocking new possibilities and driving positive change across the globe.

Industry Applications

LEMON is strategically poised to expand into a diverse range of sectors, including RWAs, global payment solution, healthcare, NGOs, government, fintech, entertainment, consumer utilities, gaming, and more. The innovative team behind LEMON are dedicated to building a dynamic, smart contract based ecosystem that integrates seamlessly with the operations of both current and future global partners. This commitment ensures that LEMON remains at the forefront of innovation, driving transformative solutions across various industries.

Open-source Collaboration

Dedicated to ensuring seamless, accurate, and trustworthy global transactions, LEMON is poised to lead a new era in distributed ledger technologies. As a strong advocate for open-source principles, LEMON encourages community involvement in the utilization, enhancement, and evolution of its platform.

To foster the development of decentralized applications (DApps), LEMON will offer comprehensive developer documentation and libraries. LEMON envisions a collaborative ecosystem where users and developers come together to drive digital transformation across various sectors, paving the way for a truly decentralized future.

Challenges in Contemporary Blockchain Systems

The transformative potential of modern blockchain systems lies in their ability to eliminate centralized authorities and intermediaries, facilitating permissionless transactions without relying on trust-based systems. This groundbreaking shift paves the way for a more transparent, equitable, and decentralized digital economy. However, significant challenges currently hinder this potential.

One of the primary obstacles is the scalability of these systems. As networks expand, the demands for processing power, storage, and bandwidth also increase. This scalability issue is compounded by the fact that most blockchain platforms process transactions sequentially, leading to slower confirmation times. This inefficiency in handling high transaction volumes poses a considerable barrier for industries that depend on rapid transaction throughput.

Moreover, the high transaction costs associated with existing blockchain platforms further deter mass adoption. These costs, coupled with performance limitations, contribute to the lack of widespread utilization across various sectors, particularly in fast-paced industries like RWAs, p2p payments and gaming, which require a high-speed, low-cost, and secure transaction framework.

While the foundational premise of blockchain is powerful and promising, these constraints significantly impede its broader application and acceptance. There is an urgent need for an innovative solution that can effectively address these inherent challenges and realize the true promise of blockchain technology. LEMON aims to be that solution, offering a fresh approach designed to overcome these obstacles and unlock the full potential of blockchain in the digital age.

Scalability

The promise of blockchain technology, rooted in the elimination of centralized authorities and the facilitation of permissionless transactions, is currently hindered by significant challenges, with scalability being a foremost concern. At the core of this issue are the Proof of Work (PoW) and Proof of Stake (PoS) consensus algorithms that underpin most blockchain systems, which struggle to meet the demands of an expanding network.

In Proof of Work systems like Bitcoin, miners compete to solve complex mathematical puzzles, with the first to succeed earning the right to add a new block to the blockchain. This process is not only energy intensive but also time consuming. As the network grows, the energy consumed increases dramatically, resulting in low transaction throughput; Bitcoin, for instance, can process only about 7 transactions per second (TPS), which falls far short of what is necessary for mass adoption.

On the other hand, Proof of Stake, utilized by networks like Ethereum, was introduced as a more energy-efficient alternative to PoW. In PoS systems, validators are selected to create new blocks based on their stake in the network. While this approach improves energy efficiency, it does not significantly enhance scalability. Ethereum can handle only 15-45 TPS, still inadequate compared to traditional payment networks.

Conventional blockchains simply do not support the high transaction speeds required for large scale applications, particularly in industries like global payment, where fast and low-cost transactions are essential. Additionally, these systems encounter latency issues, requiring multiple confirmations to secure a transaction, which leads to frustrating delays. Industries demand blockchain solutions capable of executing and settling transactions in near real-time, ideally within 1-2 seconds.

These challenges highlight the urgent need for an innovative approach that addresses both scalability and speed without compromising security. By leveraging the Asynchronous Byzantine Fault Tolerance (aBFT) model and Directed Acyclic Graph (DAG) technology, LEMON represents a new generation of solutions designed to tackle these inherent challenges and unlock the full potential of blockchain in the digital age.

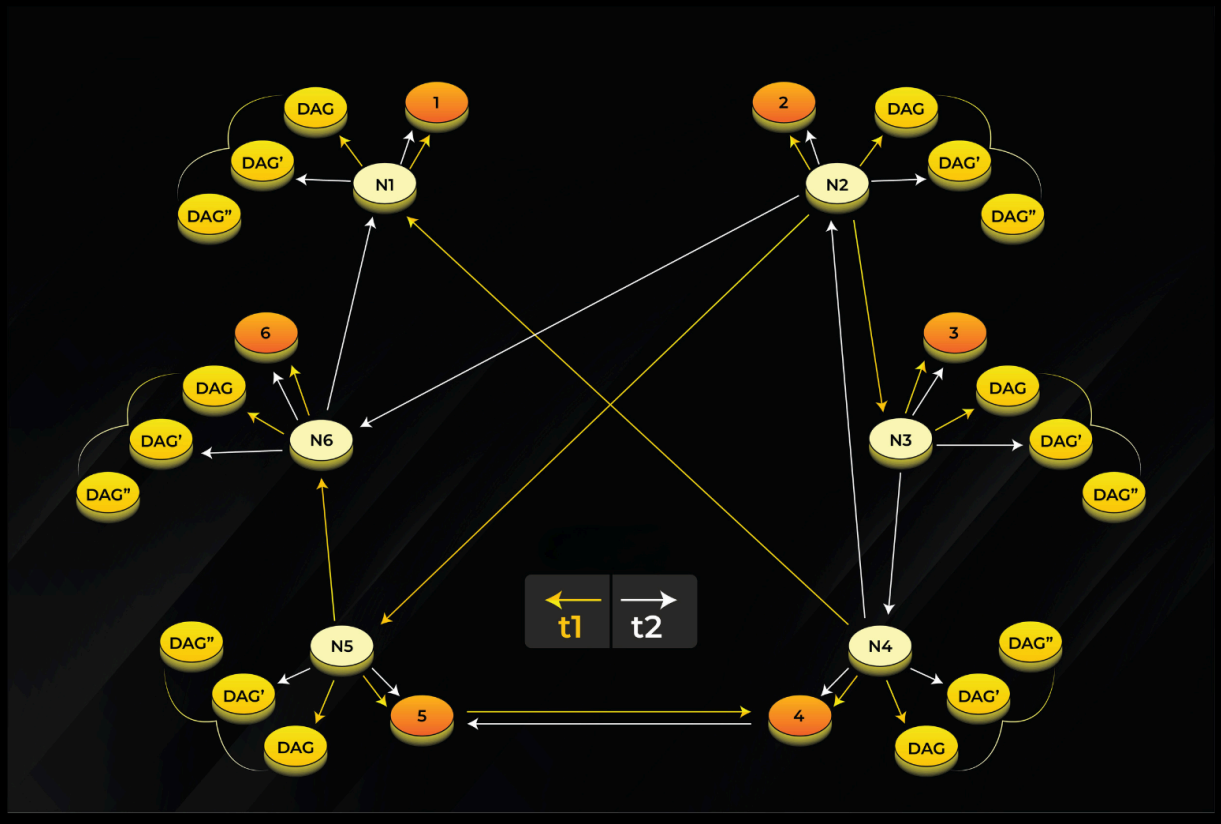
LEMON Blockchain: Evolution from DAG to DAG’ and Beyond

Transaction Fees: A Critical Consideration in Blockchain Networks

Blockchain technology is inherently about democratizing transactions and facilitating peer-to-peer interactions without the need for a central authority. However, transaction fees, a critical component of traditional blockchain systems can create significant barriers and restrict their broader application.

Transaction fees serve two essential purposes: they incentivize miners or validators to maintain network security, and they protect against potential network spamming. In both Proof of Work and Proof of Stake systems, miners and validators earn these fees as compensation for their role in validating transactions and ensuring the network's integrity. Additionally, by imposing a cost on transactions, these fees help deter malicious actors from flooding the network with spam, thereby promoting overall stability.

Yet, paradoxically, these same fees can become obstacles due to their unpredictability and magnitude, particularly during times of heightened network activity. For instance, transaction fees in networks like Bitcoin can skyrocket, making it costly for users to transact.



Transaction fees on networks like Bitcoin and Ethereum can escalate dramatically, making it impractical for users to conduct small-value transactions or engage with smart contracts. This issue is especially relevant in industries where microtransactions are common, such as ecommerce payments. High fees can hinder the widespread application and adoption of blockchain technology, while the often-opaque fee structure affected by factors like transaction complexity, network congestion, and mining capacity creates uncertainty for users.

Unpredictable and excessive fees not only limit user participation, particularly for those who cannot afford high costs, but also deter developers from creating applications that rely on high-frequency transactions. This scenario underscores the urgent need for a blockchain solution that addresses scalability and speed while providing a low and predictable fee structure.

Transaction History and Data Integrity in LEMON

In the LEMON ecosystem, the management of historical information alongside transactions within blocks is essential for ensuring the robustness and reliability of the blockchain. Similar to any blockchain system, each block in the LEMON blockchain contains a series of transactions, creating a chronological chain that serves as an immutable record of transaction history.

The integration of historical information within these blocks is fundamental to LEMON's functionality. It enables the verification and validation of transactions, facilitates auditing and traceability, and upholds the principles of transparency and immutability that are central to blockchain technology.

LEMON meticulously preserves this historical data within each block, securely storing the complete transaction record. This approach guarantees the integrity and accountability of the blockchain network, allowing participants easy access to verify the transaction history.

This careful management of historical information not only enhances the consensus and trustworthiness of the LEMON blockchain but also streamlines the auditing, validation, and verification of past transactions. It fosters a transparent and immutable environment, reinforcing LEMON's core principles and its commitment to transforming the mass adoptions or payments and RWAs worldwide.

Revolutionizing Scalability and Transparency through DAG-Based Consensus in LEMON

LEMON is dedicated to revolutionizing the blockchain landscape with a unique approach that leverages DAG-based consensus to tackle existing challenges. Its mission is to establish a groundbreaking platform that redefines both scalability and versatility in blockchain technology.

LEMON envisions unlocking the potential for virtually infinite scalability, enabling the network to process hundreds of thousands of transactions per second, even with a vast number of participating nodes. Central to this vision is the adoption of the Lachesis Protocol, a DAG-based solution specifically designed to overcome the scalability limitations faced by traditional blockchains.

The implementation of the Lachesis Protocol within the LEMON ecosystem marks a significant shift in how transactions are handled. Transactions are verified and processed asynchronously, removing the need for conventional validator approvals that can lead to delays and bottlenecks. By allowing each event block to independently verify the preceding transaction, LEMON ensures a seamless flow of transactions, even during peak activity.

In addition, LEMON autonomously manages historical information. Each event block contains a comprehensive array of data packages, including transactions, smart contracts, historical records, reputation management, and reward mechanisms.

Through its commitment to fast and secure processing methodologies grounded in DAG technology, LEMON envisions a future where the processing infrastructure across various industries is both transparent and reliable. With the Lachesis Protocol as its guiding force, LEMON aims to extend its influence across multiple sectors, collaborating effortlessly with smart contracts to empower areas such as RWAs, global payments, healthcare, NGOs, government, fintech, entertainment, consumer services, utilities, and gaming.

Technical Overview Introduction

Extensive research and analysis in blockchain technology reveal that Fantom serves as a valuable reference point for the development of LEMON. The insights gained from their innovative strategies provide essential guidance for tackling similar scalability challenges, particularly in the tokenizing of real world assets.

Fantom Opera has proven its ability to significantly enhance scalability and transaction processing on a large scale. LEMON builds on this foundation by ensuring compatibility with the broader EVM networks while allowing for the compilation of smart contract bytecode tailored specifically for its ecosystem.

By meticulously studying the insights and technological advancements within the blockchain industry, LEMON leverages this knowledge to adapt and refine the Fantom Chain. This initiative marks the beginning of a new era of scalable and efficient blockchain solutions, designed to meet the unique demands of the tokenization revolution that is unfolding.

The Lachesis Consensus Algorithm

The LEMON Chain is built to incorporate elements of the Lachesis Consensus Algorithm (LCA), designed to enhance both throughput and robustness through the use of Directed Acyclic Graph (DAG) technology. The LCA can handle up to 300,000 transactions per second, delivering Byzantine Fault Tolerance (BFT) for added reliability.

At its core is the "Lachesis DAG," a sophisticated structure that preserves irreversible data while ensuring security through advanced cryptographic practices. The algorithm operates asynchronously, verifying account nonces and transaction chain IDs to prevent replay attacks, and it coordinates transaction chronology with the Main Chain list.

LEMON Development Timeline

Achievements Stage 1 (Q2, 2024):

- **Research & Development:** Kickstart an exhaustive R&D phase, laying the groundwork for the LEMON Blockchain.
- **Technical Feasibility:** Undertake studies to implement a zk-Rollups L2

consensus (a cryptographic method bolstering privacy and scalability) on LEMON

Blockchain.

- **Testing and Problem Solving:** Deploy tests and hypothetical transitions and test environment with the tokenization engine and the smart contracts using several EVM base net configurations

Stage 2 (Q3, 2024):

- **Launch LEMON on BNBSC:** Start the Lemon journey and deploy the environment on bep-20 for mass adoption and testing of the smart contract protocols and tokenization engine infrastructure.
- **TestNet Launch:** Unveil the LEMON TestNet, providing a sandbox for developers and early adopters.
- **Digital Presence**: Roll out the official website
- **Blockchain Explorer:** Embark on the development of a dedicated LEMON

Blockchain explorer.

- **Early adopter Validators:** Incorporate early adopters in the setup of independent validators
- **Feedback Integration:** Incorporate feedback from developers around the world, refining the TestNet.
- **Testnet Block Explorer Launch**: Officially introduce the Blockchain Explorer,

synchronized with the test net.

- **Mainnet Launch:** Officially launch the LEMON chain Mainnet.
- **Mainnet Block Explorer Launch:** Launch a new instance of the block explorer synchronized

with the LEMON Mainnet

• **Smart Contract Wizard:** Implement a section in LEMON Documentation Platform that allows the creation of a smart contract (such as an ERC20 token) through a graphical user interface.

Stage 3 (Q4, 2024):

- **Introduction of Validator Program:** Release setup and install documentation to Validator Operators in archive view only mode.
- **Development of a swap BEP-**20: Allow Validators the ability to swap bep-20 LEMX tokens to LEMX Coin on mainnet
- **Development & Release of the Staking Dashboard:**
- **Development & Release of the Staking Calculator:** Allows both Validators and

Delegators to calculate their expected rewards using an estimation calculator.

- **Development of Vesting Platform:** Allows the distribution of coins according to an agreed schedule.
- **Development of Gas Rebate Platform:** Allows new L2 projects to claim a portion of gas spent on specific types of transactions back to their wallet as an option for mass L2 adoption for migration from other blockchains to LEMON.
- **Feedback-Driven Iteration**: Continuously refine LEMON chain tools based on user feedback.
- **Monitoring and Alerting Dashboard:** Implement a monitoring dashboard based on Grafana for collecting different metrics for running nodes and problems before they occur..
- **Development of BNB - LEMON Bridge:** Migrate the community to their new permanent home on the LEMONCHAIN. NFT's and Tokens will be bridged over for all existing projects.
- **Development of LEMON Arbitrary Message Bridge (AMB):** Allows the Web3 community to send and receive arbitrary messages between LEMON and other EVM networks.
- **Purchase LEMX with cross-chain payments:** Build on top of LEMON-AMB, allows the purchase of LEMX on LEMON Chain by making a payment in a stable coin on a different EVM Chain.
- **Latency Based RPC Routing:** Implement a latency-based RPC routing that allows any RPC user to connect to an RPC server closer to them. This is transparent to the

user as the routing happens on DNS level.

- **Cross-Chain Token Derivatives:** Built on top of LEMON-AMB, allows foreign tokens to have a presence on LEMON Network
- **Security Enhancements:** Bolster security protocols using Ai, ensuring airtight protection for users with early detection alerts.
- **Development & Testing:** Initiate the development of a zk-Rollup prototype. Once developed, test it rigorously in a sandbox environment to ensure its efficiency and reliability.

- **Security Audits:** Engage third-party services to conduct in-depth security audits, ensuring the robustness and safety of the zk-Rollup integration.
- **Public Rollout:** Post successful testing, soft launch and audits, integrate zk-Rollups into the LEMON mainnet, enhancing the platform's privacy and scalability features.

Future Roadmap Stage 4 (Q1, 2025): Technical Roadmap Initiation

The LEMON Blockchain continues to evolve, constantly innovating and expanding its capabilities to meet the needs of its community. Our focus remains on enhancing scalability, security, and usability. Here are the key areas we aim to explore and develop:

- **Layer 2 Scaling Solutions:** Research and develop additional L2 solutions beyond zk-Rollups to enhance transaction throughput.
- **Interoperability Framework:** Establish a more comprehensive framework for seamless interoperability between LEMON and various blockchain ecosystems.
- **Enhanced Developer Tools:** Expand the suite of tools available for developers, including SDKs, APIs, and libraries to streamline dApp development on LEMON.
- **Decentralized Governance Model:** Explore and implement a governance model that empowers the LEMON community to participate in key decision-making processes.
- **Advanced Security Protocols:** Continuously enhance security measures through regular audits, community feedback, and adopting the latest cybersecurity practices.
- **Community Engagement Initiatives:** Launch programs to foster community engagement, including hackathons, educational webinars, and incentivized feedback loops.
- **Sustainability Practices:** Implement practices and technologies that promote sustainability within the blockchain ecosystem.
- **Global Expansion:** Strategize for international partnerships and adoption efforts to broaden the reach and use cases of the LEMON Blockchain.

security, and usability. Here are the key areas we aim to explore and develop:

LEMON Token (LEMX)

HOW IT WORKS

LEMON COIN

The smallest denomination of Lemon (LEMX) is called a “Particle." One LEMON is equal to (10^18) Particles, meaning that there are 1 quintillion Particles in one LEMON. This granularity allows for very precise transactions and microtransactions within the LEMON Chain.

To put it in perspective:

- 1 LEMON (LEMX) = 1,000,000,000,000,000,000 Particle (or 10^18 Particle)

- Other denominations include:

- Gwei: (10^9) Particle (commonly used for gas prices)

LEMON NFT

LEMON NFT holders are an essential part of the ecosystem. Minting a free LEMON (LEMX) NFT, enables holders to become a member of the innovative and growing LEMON ecosystem. ALL LEMON circulating tokens will be distributed to FREE LEMON NFTs and nothing is ever

paid to LEMON for any coin. LEMON will only be available for purchase through peer-to-peer or third-party digital token exchanges. No token will ever be sold by the ecosystem directly to anyone, LEMON is not an Initial Coin Offering (ICO) project structure. An unlimited number of LEMON NFTs are available to be minted.

STAKING

All LEMON NFTs must be staked to receive LEMON tokens. LEMON NFTs will be staked on the LemonChain and required to stake using the steps on the dApp. By using a crypto wallet application, such as LemonTree, Trust Wallet or MetaMask users can easily and securely connect to the dApp. LEMON will utilize the LEM-20 network protocol listed on the Lemon network.

Minting and staking are completed through the LEMON decentralized application, an autonomous system operating on smart contracts (dApp). The dApp can be accessed by visiting and or connecting a digital wallet at www.dapp.allthingslemon.io.

As the ecosystem matures, demand for LEMON coins is anticipated to increase. Demand will be driven by the need for LEMON coin to mint ecosystem NFTs as well as hundreds if not thousands of L2 project NFTs in the future all which will only be payable only in LEMON.

MINTING FEE

A minting fee will be charged to mint all NFTs. This minting fee can be paid in LEMON coin, or as may be announced from time to time. This fee is a tech fee for a 3rd party to cover all blockchain, smart contract and marketplace fees and delivery to your wallet for the birth of that asset. The NFT itself is offered free of charge, just gas and mint fees must be paid.

TOKENOMICS

Tokenomics, also known as token economics, are the factors that determine how a cryptocurrency functions. Tokenomics are programmed into the code of the corresponding smart contract. LEMON’s tokenomics have been designed based on the economic theory of supply and demand. Tokens are distributed from the Ecosystem Growth Initiative (EGI) pool on a half-life schedule.

LEMON’s half-life schedule distributes one-half of the tokens in the EGI pool to staked NFTs each annual cycle. Distribution of each annual allotment of tokens is further calculated on a per second basis. Fifty percent (50%) of all distributions beginning with year 2, in July 2024 (due to starting on BNBSC), will be awarded to staked NFTs, the remaining fifty percent (50%) will be distributed to the Treasury wallet. The Treasury is designed to further support the ecosystem for maximizing growth. Thirty percent (30%) of the total distribution will be locked and will never hit the open market. This 30% of LEMX can only be used for leverage by the foundation to borrow against to create cash flow to grow the ecosystem but can never be sold in any way on the open market or it can be burned by the foundation. The remaining twenty percent (20%) of the distribution will be used for Marketing, liquidity to support listings and pairings on DEX and CEX

exchanges, validator staking bonuses along with promotional airdrops, and other marketing activities and campaigns.

STORE OF VALUE

LEMON tokenomics are meticulously crafted to foster long-term growth and establish a dependable store of value. The framework includes multiple staking opportunities and specific requirements for certain Layer 2 solutions. A key feature is the implementation of a perpetual 1/24th liquidity pool smart contract, which safeguards against market flooding by maintaining liquidity levels that are carefully managed by a decentralized protocol.

In addition to this liquidity mechanism, LEMON offers significant staking options to encourage long-term community support. Validators can lock their coins for five years, and LemonCrates feature a similar five-year lock mechanism. These options ensure that substantial amounts of LEMX remain out of circulation for extended periods, promoting price stabilization and reducing volatility.

LEMX serves as the functional gas and mint fees for the chain, requiring every wallet to maintain a minimum amount of LEMX to perform transactions. With widespread adoption, millions of wallets will consistently keep LEMX off the market, as it is essential for wallet functionality and interaction with assets on the chain.

The total supply of LEMX is capped at 50,000,000, with 30% always locked in treasury. This means the functional supply available in circulation is only 35,000,000, further enhancing its scarcity.

LEMON continually seeks collaborations with other projects and platforms to create additional use cases for LEMX beyond its native ecosystem. This includes integrating LEMX as a payment method or utility token across various applications, driving further demand.

Furthermore, Lemon will work with governments to tokenize national assets and promote the use of LEMX as a payment option within their economies. By encouraging governments to hold a percentage of their assets in LEMX, this initiative aims to provide a long-term solution to hyperinflation and enhance economic stability.

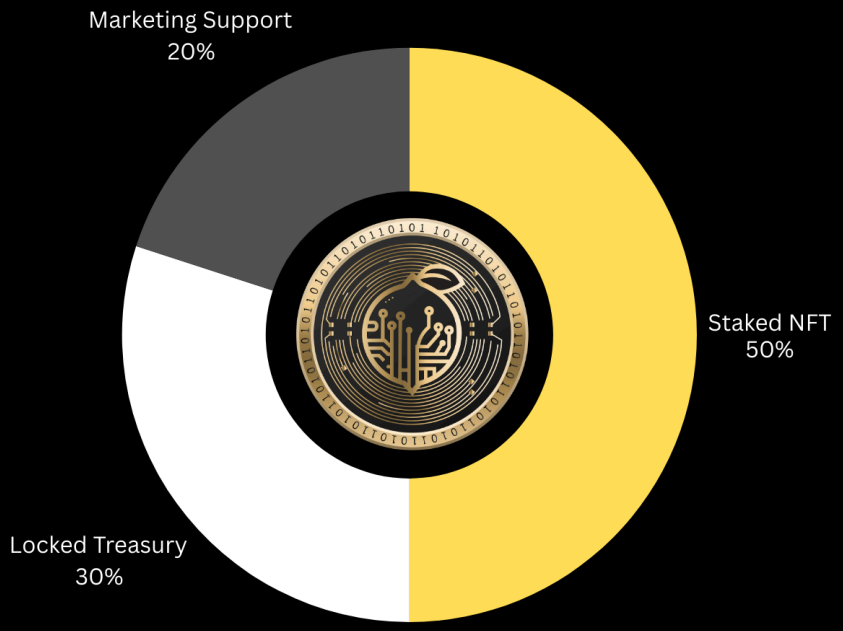
Additionally, developers have created bridges that enable LEMX to be used on other blockchain networks, expanding its utility and attracting a broader user base.

The LEMON tokenization engine operates exclusively on LEMX, channeling billions of dollars into this utility coin. This effectively removes LEMX from the market for extended periods, enhancing its scarcity and value. This strategic design supports the health of the LEMON ecosystem and instills confidence in token holders regarding the long-term prospects of their investments.

Overall, LEMON tokenomics are structured to create a sustainable and thriving community. By incentivizing staking and implementing mechanisms to control liquidity, LEMON aims to build a

resilient economic model that benefits all participants, ensuring LEMX remains a valuable asset for years to come.

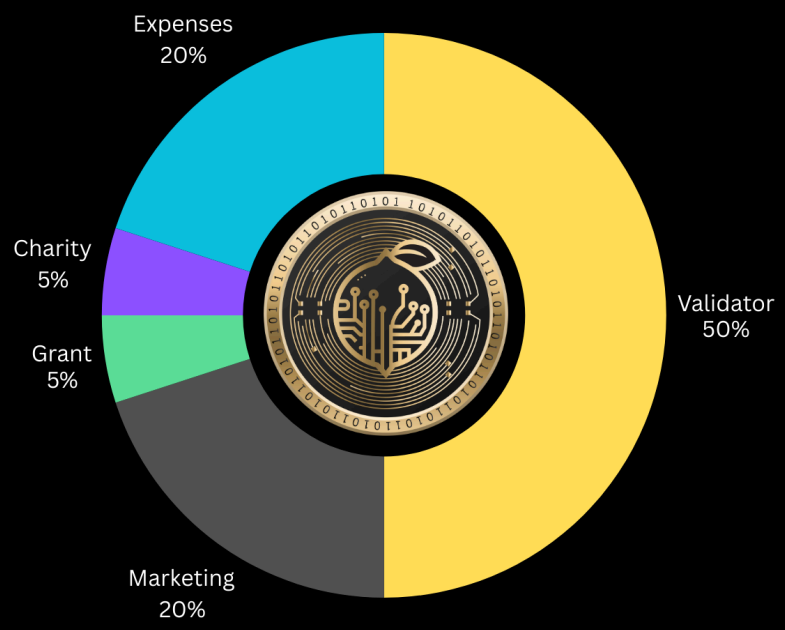
LEMON (LEMX) Token Distribution



Allocation of New LEMX into the market

- **Marketing Support 20%**
  - Marketing airdrops
  - New User adoption on CEX
  - Assist with liquidity on DEX and CEX
- **Locked Treasury**
  - Leverage for cash flow for the foundation to grow the ecosystem
  - Burn the coin to make sure it never hits the market if leverage is not something the foundation decides to do.
- **NFT Holders 50%**
  - Staked NFTs on the chain rewarded for their participation

LEMON (LEMX) GAS Fee Distribution



Allocation of Gas Fees

- **Expenses 20%**
  - Legal Structure, Board Members & Licenses
  - Tech (Maintenance, Audits & 3rd party/services integrations)
  - 24/7 operations and alert staff
  - Other costs
- **Charity 5%**
  - PinkLemonaide
- **Grants 5%**
  - LemLoans for L2 Projects
- **Marketing, Events & Conferences 20%**
  - PR & Marketing Events & Conferences
  - Market Making / Listings
- **Validators 50%**
  - Active Validator Rewards

Primary Partner Companies

Powered By Lemon

Powered By Lemon signifies a groundbreaking evolution in blockchain technology, aimed at ushering in a new era of innovation and growth across various industries through the delivery of Web3 tools and solutions on the LEMON network. Founded in Dubai in August 2024, Powered By Lemon emerged from collaborative discussions between the founders and created the LEMON blockchain team.

Committed to fostering an innovative platform for the development, adoption, and implementation of Web3 technologies, Powered By Lemon will facilitate the creation of Web3 projects by providing secure infrastructure, essential tools, and services to ensure their success. In addition, the platform will feature a marketplace where developers and businesses can monetize their Web3 initiatives, while investors can discover promising opportunities.

Dedicated to cultivating a global Web3 ecosystem grounded in transparency, security, and trust, Powered By Lemon aspires to become a leading platform that propels the next generation of the internet.

New Media Holding

New Media Holding is a leading global media and technology powerhouse specializing in influencer marketing, audio development, brand solutions, audio, and video distribution events, merchandising, creator development, influencer, and artist management.

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