



Your Everyday Money



# White Paper: YEM

## Benchmark Digital Currency and YEMChain v2.0 Upgrade

### 1. Introduction

- **Definition and concept of a Benchmark digital currency:**  
YEM (Your Everyday Money) is a blockchain-based digital currency designed to function as a Benchmark Coin, serving as a reference point for value in the digital economy. Unlike traditional stablecoins, YEM combines the reliability of a benchmark with the potential for growth, making it a unique and innovative financial instrument.
- **Objective of the project:**  
The YEM project creates a universally accepted digital currency that bridges the gap between traditional finance and blockchain technology. With the upgrade to YEMChain v2.0, the platform seeks to enhance scalability, security, and transparency, positioning YEM as a leader in the Benchmark Coin space.
- **YEM Foundation's Role**  
The YEM Foundation plays a central role in the creation, regulation, and promotion of the YEM (Your Everyday Money) benchmark digital currency. Below is a detailed explanation of its responsibilities and contributions:
  - a) **Regulatory Entity:** The YEM Foundation serves as the official regulatory entity for YEM, ensuring compliance with legal and financial standards. It is registered as a nonprofit corporation.
  - b) **Development of YEM as a Digital Fiat Currency:** The Foundation has positioned YEM as the world's first blockchain-based digital fiat currency, combining the benefits of blockchain technology with the stability of traditional monetary systems. This includes minimizing volatility, inflation, and manipulation, making YEM a reliable payment method.
  - c) **Technological Infrastructure:** The Foundation oversees the development and maintenance of the YEMChain, a blockchain platform designed for YEM transactions. YEMChain is optimized for speed, security, and sustainability, operating as a net-zero carbon blockchain with renewable energy-powered servers.
  - d) **Legal and Financial Integration:** The YEM Foundation has worked to establish YEM as a legally recognized form of payment.
  - e) **Global Adoption and Economic Stimulation:** The Foundation actively promotes YEM's use in international payment transactions and economic stimulation programs. It aims to encourage integration of YEM into global financial systems, including partnerships with banks and financial institutions.
  - f) **Transparency and Trust:** To build user trust, the Foundation introduced a blockchain explorer for YEMChain, allowing users to track transactions transparently. This move enhances accountability and fosters confidence in the currency.
  - g) **Strategic Partnerships and Advisory Boards:** The Foundation collaborates with experts and organizations to guide YEM's development.
  - h) **Community Engagement and Voting:** The YEM Foundation involves its community in decision-making processes. For instance, it conducts polls where YEM holders vote on key issues, such as changing the reference currency from USD to CHF, ensuring community participation.
  - i) **Security and Compliance:** The Foundation enforces strict security measures, including KYC/AML processes, to protect users and maintain compliance with international regulations. It also ensures that all transactions are secure and verified.

### 2. Background and Market Analysis

- **Current challenges in the financial system:**  
Traditional financial systems are plagued by high transaction fees, slow cross-border payments, and limited accessibility for the unbanked. These inefficiencies highlight the need for innovative solutions like YEM.
  - **Slow processing of bank transactions**
- In recent months and years very often reports of extremely slow or massively delayed bank transaction give rise to many questions and are annoying as it often hurts business processes.
- **Advantages and disadvantages of existing fiat currencies:**  
Fiat currencies are only relatively stable because they suffer from inflation, centralization, and lack of transparency. Cryptocurrencies offer decentralization and transparency but are often volatile. YEM as a digital currency addresses these gaps by providing a Benchmark Coin that is reliable, secure, and efficient.
  - **Rise and significance of crypto alternative currencies:**  
The global adoption of cryptocurrencies and digital currencies has surged, with Benchmark Coins playing a pivotal role in DeFi, cross-border payments, and financial inclusion. YEM leverages this trend by offering a unique value proposition that combines reliability with blockchain innovation.

### 3. Technical Basics

- **Blockchain technology and distributed ledgers:**  
YEMChain v2.0 is built on Hyperledger Besu, a robust Ethereum-compatible blockchain platform. This ensures high scalability, privacy, and interoperability with existing blockchain ecosystems.
- **Smart contracts:**  
YEMChain supports smart contracts, enabling automated transactions for various use cases, including payments, DeFi, and supply chain management.
- **Benchmark mechanisms:**  
YEM employs an algorithmic mechanism to maintain its role as a Benchmark Coin, ensuring it serves as a reliable reference point for value while allowing for potential growth.

### 4. Concept of the Benchmark Digital Currency

- **Architecture and design:**  
YEMChain v2.0 features a private blockchain infrastructure, ensuring high security and privacy while maintaining transparency through its new blockchain explorer.
- **Benchmark method:**  
YEM uses a hybrid model combining algorithmic adjustments and community governance to maintain its role as a Benchmark Coin, ensuring reliability and adaptability.
- **Tokenomics and issuance model:**  
YEM's issuance is controlled by the YEM Foundation, with a focus on maintaining liquidity and stability. The tokenomics model includes low transaction fees (0.01%) and fee waivers for specific transactions.

### 5. Security and Trustworthiness

- **Cryptographic security measures:**  
YEMChain v2.0 employs advanced cryptographic techniques and a permissioned network to protect user data and transactions.
- **Audits and transparency:**  
Regular audits and the introduction of a blockchain explorer enhance transparency, fostering trust among users and investors.
- **Governance structure:**  
The YEM Foundation oversees the platform's development, ensuring alignment with community interests and long-term sustainability.

### 6. Use Cases and Benefits

- **Payments and transactions:**  
YEM enables fast, low-cost transactions, making it ideal for everyday purchases and business transactions.
- **Cross-border transfers:**  
YEM eliminates intermediaries, reducing transaction times and costs for international payments.
- **Financial inclusion:**  
YEM provides access to digital financial services for the unbanked, promoting global financial inclusion.
- **Integration into DeFi ecosystems:**  
YEM's compatibility with Ethereum-based DeFi platforms opens up opportunities for lending, borrowing, and yield generation.

### 7. Regulatory Aspects

- **Compliance with existing financial regulations:**  
YEMChain is actively providing necessary data to ensure compliance with Global / National financial requirements.
- **KYC/AML measures:**  
YEM implements robust KYC/AML protocols to prevent illicit activities and ensure user security.

### 8. Technical Implementation

- **Blockchain infrastructure:**  
YEMChain v2.0 utilizes Hyperledger Besu, offering high scalability, privacy, and interoperability.
- **Wallet development:**  
Secure wallets are being developed to support YEM transactions and storage, ensuring user convenience and safety.
- **API integrations:**  
YEMChain v2.0 will provide APIs for third-party integrations, enabling seamless interaction with other platforms.

### 9. Roadmap and Milestones

- **Development phases:**  
YEMChain v2.0 is set to launch in Q1 2025, with ongoing upgrades to enhance functionality and user experience.
- **Testnet and mainnet launch:**  
The testnet is already operational, with the mainnet launch scheduled for early 2025.
- **Partnerships and integrations:**  
YEM is exploring partnerships with fintech companies and blockchain platforms to expand its ecosystem.
- **Regular review and adjustment of the roadmap based on progress and market conditions.**

### 10. YEM Distribution and Economic Model

- **YEM allocation:**  
YEM are distributed through staking, rewards, and community participation, ensuring broad and fair distribution.
- **Use of the funds:**  
Funds are allocated to platform development, regulatory compliance, and community initiatives.
- **Long-term funding strategy:**  
The YEM Foundation is committed to sustainable growth, with a focus on transparency and community involvement.
- **Non-profit foundations are allowed to operate purpose-oriented businesses to generate income that can be used for charitable purposes.**
- **Strategic Partnerships:**

Building partnerships with other organizations can help increase the reach and effectiveness of the foundation's work.

- **Donations and Additional Endowments:**

Donations are a crucial source of income for non-profit foundations. Depending of the location of the donor, they might be tax-deductible, which could increase their attractiveness to donors.

### 11. Team and Advisors

- **Core team and their expertise:**  
The YEM team comprises blockchain experts, cybersecurity professionals, financial, legal and other specialists with decades of combined experience.
- **Advisory board and strategic partners:**  
The YEM Foundation is supported by an international advisory board of fintech, blockchain experts, and experts of other related fields ensuring strategic guidance and industry insights.

### 12. Conclusion and Outlook

- **Summary of the key points:**  
YEM represents a groundbreaking innovation in digital currency, combining reliability, security, and scalability. The upgrade to YEMChain v2.0 marks a significant milestone in the platform's evolution.
- **Vision for the future of the YEM digital currency:**  
YEM aims to achieve universal adoption, becoming a trusted Benchmark Coin and means of payment and a cornerstone of the global financial ecosystem.

This white paper outlines the vision, technology, and roadmap for YEM, positioning it as a compelling investment opportunity in the rapidly evolving digital currency landscape. By redefining itself as a Benchmark Coin, YEM sets a new standard for reliability, potential of growth in value and innovation in the blockchain space.