PaperCoin Whitepaper

1. Vision

PaperCoin is designed to revolutionize the recycling and paper industry by introducing a blockchain-based bonus system that rewards every participant in the supply chain. From individual citizens recycling their waste paper, to traders, recycling companies, and large paper mills – everyone who contributes to sustainability and circular economy will be incentivized with PaperCoin (PAPEC).

Our mission is to create a green digital currency that not only grows in value but also directly supports global sustainability goals by making recycling more profitable and attractive for all stakeholders.

2. Problem & Opportunity

The global paper industry faces two major challenges:

1. Rising demand for recycled paper – The world's demand for sustainable paper products is constantly increasing, while resources are limited.

2. Inefficient incentives – Current recycling systems rarely provide direct rewards for citizens, traders, and companies.

PaperCoin solves this by turning recycling activity into financial rewards.

3. Solution: PaperCoin Bonus System

PaperCoin integrates into the paper industry supply chain by creating a bonus and reward system:

Citizens earn PaperCoin when they return or recycle waste paper.

Waste paper traders and collection centers receive PaperCoin for verified transactions.

Recycling companies and paper mills use PaperCoin as a reward and settlement method in their supply chain.

This system ensures that every step of recycling is incentivized, making PaperCoin both a utility token and a driver of environmental change.

4. Tokenomics

Total Supply: 1 Trillion PAPEC

Network: ERC-20 (Base Network)

Utility:

Rewards for recycling

Settlement layer for recycling companies

Staking and liquidity options

Growth Mechanism: The more demand for recycled paper, the more PaperCoin is used and valued.

5. Roadmap (Updated Q3 2025)

Q3 2025 – Business Model & First Partnerships

Finalization of PaperCoin business model

First talks with recycling companies and paper mills for pilot projects

Whitepaper release & community awareness

Q4 2025 – Pilot Preparation

Signing first pilot partnerships with waste paper traders & recycling firms

Development of PaperCoin bonus system integration (API, dashboards)

Community onboarding (Telegram, website launch, awareness campaigns)

Q1 2026 – Pilot Phase

Launch of pilot recycling reward programs with selected partners

Testing PaperCoin incentives for citizens, traders, and companies

First liquidity pool and small exchange listing (DEX)

Q2 2026 – Expansion & Utility

Scaling up the pilot program to multiple regions

Broader onboarding of waste paper collectors and traders

Partnerships with packaging producers & paper mills

Implementation of PaperCoin reward API in real supply chains

Q3 2026 – Exchange Listings & Visibility

Listing on mid-tier centralized exchanges (CEX)

Expansion of citizen-focused recycling reward systems

Marketing campaigns focused on “turning waste into value”

Q4 2026 – Scale & Industry Adoption

Target Tier-1 exchange listing

Large-scale adoption by paper & packaging industry

Integration of PaperCoin as a recognized reward currency in the recycling sector

2027 and beyond – Global Integration

International expansion into major recycling markets (Europe, Asia, Americas)

Partnerships with global environmental initiatives and NGOs

Positioning PaperCoin as the global green reward token

6. Technical Details

Token Standard: ERC-20

Network: Base (Ethereum Layer 2)

Smart Contracts: Designed for reward distribution, staking, and API integration with recycling companies

Scalability: Built for mass adoption with low transaction fees

7. Conclusion

PaperCoin combines sustainability and blockchain technology to create real-world impact. By rewarding recycling activities across the entire supply chain, it not only supports environmental goals but also offers a unique investment opportunity.

Those who join PaperCoin early are not only investing in a token – they are supporting the future of sustainable recycling.