

GÜNEŞ COIN

A NEW HOPE RISES.

Transparent Finance. Real Utility. Social Impact.

WHITEPAPER v1.0 FINAL

Ethereum ERC-20 Ecosystem
Current verified deployment: Ethereum Sepolia Testnet

Official website: gdncoin.io

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1. Executive Summary

Güneş Coin (GUNES) is a fixed-supply ERC-20 token designed around transparency, security, practical utility, community development and measurable social impact. The project uses a simple allocation model with no transfer tax and no additional public minting mechanism.

The initial token design allocates 95% of the fixed supply to the Treasury and 5% to a dedicated Charity Reserve. The charity allocation is separated at deployment rather than deducted from user transfers.

The current smart contract has been deployed and source-code verified on the Ethereum Sepolia Testnet. This deployment is for development, verification and security testing and is not the final Ethereum Mainnet deployment.

2. Vision and Mission

Vision

To develop a transparent blockchain ecosystem in which technology can create practical value while supporting responsible community growth and measurable positive impact.

Mission

To build a sustainable ERC-20 ecosystem with clear token economics, publicly verifiable on-chain activity, responsible security controls and a transparent reserve dedicated to future social-impact initiatives.

3. Core Principles

Güneş Coin is developed around the following principles: transparency, security, fixed supply, no hidden transfer deductions, no additional public minting, a transparent charity reserve, sustainability, community-first development and long-term ecosystem growth.

4. Tokenomics

Property	Specification
Token Name	Güneş Coin
Symbol	GUNES
Standard	ERC-20
Network	Ethereum
Initial Fixed Supply	1,000,000,000 GUNES
Decimals	18
Treasury Allocation	950,000,000 GUNES (95%)
Charity Reserve	50,000,000 GUNES (5%)
Transfer Tax	0%
Additional Public Minting	None

The contract creates the initial supply once during deployment. There is no public mint function that can increase the supply after deployment. Holders may voluntarily burn their own tokens, which permanently reduces total supply.

A Sepolia security test burned 1 GUNES. As a result, the current Sepolia test deployment shows a total supply of 999,999,999 GUNES. This testnet burn does not change the intended initial fixed-supply design of 1,000,000,000 GUNES for a future deployment.

5. Charity Reserve

Five percent of the initial supply is allocated directly to a dedicated Charity Reserve wallet. The reserve is intended for future transparent charitable and social-impact initiatives as the ecosystem develops.

Güneş Coin does not impose a charity fee on user transfers. A transfer of 100 GUNES sends 100 GUNES to the recipient; network gas is paid separately in the native network asset.

6. Smart Contract Architecture

The contract is written in Solidity and uses OpenZeppelin Contracts 5.0.2 components. The implementation includes ERC20, ERC20Burnable, ERC20Pausable and Ownable2Step.

Component	Purpose
ERC20	Standard fungible token behavior
ERC20Burnable	Allows holders to permanently burn their own tokens
ERC20Pausable	Allows token transfers to be paused during exceptional incidents
Ownable2Step	Uses a two-step ownership transfer process
Fixed initial supply	Supply is created during deployment; no additional public minting

7. Verified Sepolia Deployment

Network: Ethereum Sepolia Testnet

Chain ID: 11155111

Contract Address: 0x7f023794667035f48d9836e6346a3f8f215ea8a

Compiler: Solidity v0.8.20+commit.a1b79de6

License: MIT

The deployed bytecode and ABI were successfully matched during source-code verification on Sepolia Etherscan.

8. Sepolia Functional and Security Tests

Test	Result
Deployment and source verification	Passed

Test	Result
Token name: Gunes Coin	Passed
Token symbol: GUNES	Passed
Initial 95% / 5% allocation	Passed
pause()	Passed
Transfer while paused	Correctly blocked
unpause()	Passed
Transfer after unpause	Passed
1 GUNES transfer with 0% transfer tax	Passed
burn(1 GUNES)	Passed
owner()	Account 1 / Treasury owner confirmed
pendingOwner()	Zero address; no pending transfer
Treasury wallet getter	Confirmed
Charity Reserve wallet getter	Confirmed

During testing, 1 GUNES was transferred from the Treasury account to the Charity Reserve account after unpause. The receiving balance increased by exactly 1 GUNES, confirming the intended zero-transfer-tax behavior in this test.

9. Sepolia Test Wallets

Treasury / Owner: 0x6260674725E9C57096ceD35C02DC6978Ab738f38

Charity Reserve: 0x08F8B022658bbe982DdAf40d5E6de5d18767643b

These addresses refer to the current Sepolia testing environment. Operational wallet architecture may change before any Mainnet deployment, including possible use of stronger governance or multisignature controls.

10. Roadmap

Phase 1 - Foundation: Brand development, ERC-20 contract, Sepolia deployment, source verification, GitHub repository and website.

Phase 2 - Documentation and Testing: Whitepaper, security testing, wallet testing, technical documentation and community infrastructure.

Phase 3 - Mainnet Preparation: Final contract review, operational security, liquidity planning and launch readiness.

Phase 4 - Ecosystem Growth: Community expansion, partnerships, utility development and transparent social-impact initiatives.

Roadmap items are development objectives and are not guarantees.

11. Development Status

Güneş Coin remains in development and testing. The verified contract described in this document is deployed on Sepolia Testnet. An Ethereum Mainnet launch has not occurred.

12. Risk Disclosure

Digital assets and blockchain projects involve technical, smart-contract, operational, market, liquidity, cybersecurity and regulatory risks. Verification and successful testnet tests do not eliminate these risks.

Güneş Coin does not guarantee financial returns, token price appreciation, exchange listings, liquidity, completion of roadmap objectives or future Mainnet deployment. Users should conduct their own research and obtain appropriate professional advice where necessary.

13. Official Resources

Website: gdncoin.io

GitHub repository: [GDN-Coin / GDN-Coin](#)

Verified Sepolia contract: `0x7f023794667035f48d9836e6346a3f8f215ea8a`

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