

# NVXC.FI Whitepaper

## 1. Introduction

Decentralized Finance (DeFi) is revolutionizing traditional financial systems by offering decentralized, transparent, and inclusive alternatives. NVXC.FI aims to redefine staking on the Solana blockchain, providing users with flexible staking options, transparent rewards, and innovative earning opportunities like memecoin pools. With NVXC.FI, users retain control of their assets while benefiting from secure and rewarding staking mechanics.

## 2. Principle

NVXC.FI is built on three core principles:

1. **User Autonomy:** Ensuring users have full control of their private keys and staking decisions.
2. **Transparency:** Implementing clear reward mechanisms and tokenomics to build trust.
3. **Innovation:** Offering advanced features like liquid staking, memecoin pools, and gamified incentives to empower DeFi users.

## 3. Executive Summary

NVXC.FI leverages Solana's high-speed and low-cost blockchain to offer decentralized staking solutions. Users can stake NVXC to mint stNVXC (1:1), unlocking the ability to earn rewards, participate in memecoin pools, and retain liquidity. The protocol prioritizes user control and offers a diminishing staking reward system, fostering sustainability and long-term engagement.

### Key Features:

- **Liquid Staking:** No lockups; users can stake or unstake anytime.
- **Memecoin Pools:** Earn diversified rewards by staking stNVXC in exclusive pools.
- **Fair Tokenomics:** A balanced allocation of tokens across staking rewards, liquidity, marketing, and team reserves.
- **Security First:** Users retain full control of their private keys, reducing counterparty risks.

## 4. High-Level Operational Summary

### 1. Staking Process:

- Users stake NVXC to mint stNVXC (1:1 ratio).
- stNVXC can be used for additional staking opportunities, including memecoin pools.

### 2. Reward Distribution:

- Monthly NVXC rewards are distributed based on staking time and contribution.
- Rewards accumulate and are claimable by the user (no auto-compounding).

### 3. Memecoin Pools:

- Stake stNVXC in curated pools to earn rewards in popular memecoins.
- Pools operate on predefined timelines with transparent reward calculations.

## 5. Staking

The staking system at NVXC.FI offers simplicity, flexibility, and fairness. Users can stake their NVXC tokens to mint stNVXC on a 1:1 basis. This liquid staking token provides access to additional opportunities, such as participating in fixed NVXC reward pools or memecoin pools, without the need for lockups.

### Reward Distribution Formula

$$Reward = t \times \frac{stNVXC \times holdtime}{\sum(stNVXC \times holdtime)}$$

Where:

- $t$ : Total NVXC reward pool for the month.
- $stNVXC$ : Number of stNVXC tokens staked by the user.
- $holdtime$ : Duration the tokens were held by the user during the reward period.
- $\sum(stNVXC \times holdtime)$ : Total staked contribution across all users.

### Example Calculation

- Monthly pool size ( $t$ ): 10,000 NVXC
- User A stakes 100 stNVXC for 20 days ( $holdtime = 20$ ).
- User B stakes 200 stNVXC for 10 days ( $holdtime = 10$ ).

$$Total\ Contribution = (100 \times 20) + (200 \times 10) = 4,000$$

For User A:

$$Reward\ for\ User\ A = 10,000 \times \frac{100 \times 20}{4,000} = 5,000\ NVXC$$

For User B:

$$Reward\ for\ User\ B = 10,000 \times \frac{200 \times 10}{4,000} = 5,000\ NVXC$$

### Memecoin Pool Rewards

Users can stake stNVXC in memecoin pools with predefined start and end dates. Rewards in these pools are calculated as follows:

$$Memecoin\ Reward = m \times \frac{stNVXC}{\sum(stNVXC)}$$

Where:

- $m$ : Total memecoins allocated to the pool.
- $stNVXC$ : Number of stNVXC tokens staked by the user.
- $\sum(stNVXC)$ : Total staked stNVXC in the pool.

Rewards are locked during the pool period, and users can claim their memecoin rewards after the pool ends.

## 6. Technical Documentation

NVXC.FI operates on the Solana blockchain, leveraging its high-speed and low-cost infrastructure. Smart contracts are designed to handle staking, reward distribution, and memecoin pool functionality. The protocol ensures seamless interaction through a user-friendly frontend.

## 7. Smart Contract Risks

Smart contract vulnerabilities and risks are inherent in any blockchain protocol. NVXC.FI mitigates these risks by adopting robust security measures and transparent operational practices.

Smart contracts can be vulnerable to exploits if not carefully developed and tested. NVXC.FI undergoes regular audits by reputable third-party firms and leverages well-tested libraries within the Solana ecosystem, ensuring the highest standard of code quality.

Economic risks, such as unsustainable reward systems, are mitigated by implementing a diminishing reward model. Transparent tokenomics further ensure stakeholder confidence. NVXC.FI also employs real-time monitoring and bug bounty programs to enhance security.

## 8. Key Management Risks

NVXC.FI prioritizes user autonomy by ensuring that users retain full control of their private keys. This approach reduces reliance on centralized entities and minimizes counterparty risks. Robust operational transparency ensures updates are handled efficiently with minimal disruption.

## 9. Tokenomics

### Token Allocation

Fund	Percentage Allocation	Token
ICO	10 %	100,000,000
Private Investors (1yr lock)	10 %	100,000,000
Staking Rewards	20 %	200,000,000
Partnership Rewards	12 %	120,000,000
Marketing	10 %	100,000,000
Airdrop	3 %	30,000,000
LP Allocation	20 %	200,000,000
Team	15 %	150,000,000
<b>Total</b>	<b>100 %</b>	<b>1,000,000,000</b>

## Token Utility

The NVXC token powers the entire NVXC.FI ecosystem by serving multiple purposes:

- **Staking:** Stake NVXC to earn rewards and mint stNVXC for additional earning opportunities.
- **Governance:** Participate in protocol governance by voting on key decisions and upgrades.
- **Memecoin Pools:** Use stNVXC to earn diversified rewards in curated memecoin pools.
- **DeFi Integrations:** Utilize stNVXC in lending, borrowing, and liquidity provision within the broader Solana ecosystem.

## Token NVXC:

<https://solscan.io/token/nvxcRL4RM875tJw1eveP33UWjiHLLcM99Casy8cHyTg>