

## **LottoDeFi - Official Whitepaper (v1.3)**

### **Executive Summary**

LottoDeFi is a decentralized, automatic, and intermediary-free lottery and sports betting platform built on smart contract technology on Binance Smart Chain (BEP-20). The protocol runs monthly draws 100% on-chain, with auditable randomness generation via Chainlink VRF and automated execution by Chainlink Automation. The entire process is governed by smart contracts, eliminating any possibility of human manipulation and ensuring trust, transparency, and auditability for participants.

### **Introduction**

LottoDeFi revolutionizes the traditional lottery market by embracing the power of blockchain to democratize luck. By eliminating intermediaries, automating processes, and ensuring algorithmic integrity, the project offers an innovative experience: any LDF token holder automatically participates in monthly draws, competing for significant prizes in a passive, fair, and decentralized way.

### **Project Overview**

The LottoDeFi token (LDF) is a BEP-20 standard digital asset, with a maximum supply of 500,000 units, immutable and scarce by design. Every 30-day cycle, a draw is automatically run, selecting 103 winners based on an auditable randomness algorithm.

The mechanics are simple and inclusive: any wallet that has a positive LDF balance is automatically eligible for the draws.

### **Inspiration**

Inspired by the union between DeFi, lotteries, and smart contract, LottoDeFi was born to democratize access to secure draws, offering users a fair and fully automated alternative, without having to rely on centralized entities.

## Lottery Mechanism

- 100% automated execution: No manual actions required.
- Guaranteed randomness: Uses Chainlink VRF (Verifiable Random Function), ensuring unpredictable and auditable numbers.
- Automatic activation: Performed by Chainlink Automation, which runs the draws at the end of each 30-day cycle.
- Traceability: All important events (sweepstakes, prize payouts, etc.) are issued as logs on the blockchain for public traceability.
- Prize Pool: The pool is automatically fed with part of the token's transaction fees.

## Prize Distribution

Classification No. of Winners Prize Percentage

1st Place	1	50% of the pool
2nd Place	1	25% of the pool
3rd Place	1	15% of the pool
4th to 103rd	100	10% divided equally

## Tokenomics

- Name: LottoDeFi Token (LDF)
- Standard: BEP-20
- Rede: Binance Smart Chain (BSC)
- Maximum Supply: 500,000 LDF (fixed)
- Transaction Fee: Adjustable between 10 to 100 basis points (BPS) - (0.1% to 1%)

## Allocation of Fees



The contract applies a variable fee of 0.1% to 1% on all transactions (purchase, sale and transfer). This fee is split between the lottery pool and the development address. The development fee is used to fund all LottoDeFi logistics, ongoing infrastructure maintenance, audits, and new ecosystem developments.

## Safety

The integrity of the protocol is maintained by a specialized module called SecurityMaintenance, which allows the contract to act as the true owner of the main contract. This module is responsible for ensuring the integrity and security of the protocol, protecting against execution failures, external attacks, and unauthorized changes. Its main function is to preserve the stability and continuity of the contract.

## Strategic Roadmap

### Deliveries

- Q1**  Official Token Launch (Completed)
- Q2**  Integration with Chainlink VRF & Automation (completed)
- Q3**  Token listing on DEXs (ongoing)
- Q4**  Development of the web platform and mobile application
- Q5**  Design and development of the LottoDeFi blockchain
- Q6**  Migration of tokens to the new network
- Q7**  Full integration between blockchain, platform, and LottoDeFi app

## Conclusion

LottoDeFi represents a new paradigm in decentralized finance, combining transparency, algorithmic fairness, and full automation into a gamified and accessible ecosystem. With its modular architecture, tokenomic sustainability, and robust technological foundation, LottoDeFi emerges as one of the most innovative solutions in the DeFi + Lotteries industry, providing not only entertainment but real, auditable, and reliable passive income for its users.