

# Lucky Monkey: A Crypto Lotto Token on Arbitrum

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## Abstract

Lucky Monkey is a revolutionary crypto lotto token built on the Arbitrum network, designed to combine decentralized finance (DeFi) principles with the excitement of a lottery system. The token features a fixed supply of 100 million coins, ensuring scarcity and preventing inflation. A 2% transaction tax funds a decentralized and transparent lottery pool, which rewards one winner weekly. Lucky Monkey prioritizes long-term sustainability, community engagement, and a fair ecosystem where holders are incentivized to participate passively by simply holding the token.

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## Introduction

Lucky Monkey introduces a new way to merge blockchain technology and traditional lottery systems. Unlike traditional lottery models, Lucky Monkey requires no purchase of entries, reducing security risks and barriers to participation. By simply holding the token, participants are automatically entered into weekly lottery draws powered by decentralized smart contracts. The system is designed to be transparent, autonomous, and community-driven.

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## Tokenomics

**Total Supply: 100,000,000 \$LMKY**

- **Fixed Supply:** No minting or inflation.
- **Deflationary Mechanism:** 2% transaction tax, primarily funding the lottery pool.

**Initial Allocation:**

- **70% (70,000,000 \$LMKY):** Allocated to the lottery pool for weekly rewards distribution.
- **20% (20,000,000 \$LMKY):** Used to create liquidity and establish a stable market presence.
- **10% (10,000,000 \$LMKY):** Reserved for marketing and ongoing development.

**Transaction Tax: 2%**

- Collected on every transaction.
  - Redirected to the lottery pool to ensure consistent and growing rewards.
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## Core Mechanics

### Primary Functions of the Token (\$LMKY):

1. **Store of Value:** Maintains intrinsic value through fixed supply and utility.
2. **Transaction Medium:** Used for buying, selling, and transferring value.
3. **Lottery Entry:** Holding \$LMKY automatically enters users into the weekly lottery draw.

### Lottery Functionality:

- The lottery is operated by a separate, autonomous smart contract.
  - Participants are entered automatically based on their token holdings.
  - There is no way to purchase additional entries or increase odds artificially.
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## Smart Contract Design

### Lottery Contract Features:

1. **Winner Selection:**
  - Weekly draws to determine a single winner using a transparent, random selection algorithm.
  - Community-driven front ends can be built to track draws and results.
2. **Reward Distribution:**
  - Ensures no more than 1% of the lottery pool or 1% of the total token supply is distributed in any given draw.
  - Prevents market disruption by avoiding significant sell-offs from large payouts.
3. **Autonomy and Decentralization:**
  - Operates without human intervention.
  - Completely decentralized and verifiable by the community.

### Additional Contract Notes:

- Security is prioritized by eliminating the need for users to interact manually with the lottery system, reducing the risk of phishing and fraud.
  - Future scalability includes the potential for secondary lotteries with optional paid entries, funded separately from the primary mechanism.
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## Incentives for Holding

1. **Automatic Participation:** Every holder is entered into the lottery, requiring no additional actions.

2. **Sustainability:** The transaction tax discourages frequent trading, promoting long-term holding.
  3. **Community Engagement:** Open design allows for third-party development of front-end interfaces to track the lottery pool and results.
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## Sustainability Measures

Lucky Monkey is designed for longevity and stability:

- **Decentralized Management:** Autonomous contracts minimize operational overhead and eliminate centralized control.
  - **Controlled Payouts:** Reward caps prevent destabilizing sell pressure.
  - **Transparent Taxation:** The 2% tax ensures consistent growth of the lottery pool without imposing undue burden on users.
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## Roadmap

1. **Phase 1: Launch**
    - Token deployment and initial liquidity setup.
    - Establishment of the lottery pool.
  2. **Phase 2: Community Growth**
    - Marketing campaigns and partnerships.
    - Development of community-driven lottery tracking tools.
  3. **Phase 3: Feature Expansion**
    - Introduction of secondary lottery systems with optional paid entries.
    - Integration with DeFi platforms to enhance liquidity and utility.
  4. **Phase 4: Autonomy and Scalability**
    - Transition to a fully decentralized governance model.
    - Explore interoperability with other blockchain ecosystems.
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## Conclusion

Lucky Monkey reimagines the traditional lottery experience by leveraging the power of blockchain. By combining fixed supply, passive participation, and decentralized management, Lucky Monkey creates a sustainable and engaging ecosystem for token holders. As a transparent and autonomous platform, it empowers the community to take charge of their financial future while enjoying the thrill of weekly lottery rewards.