



# SolLotto

COMMUNITY-DRIVEN EFFECTIVE ALTRUISM

**SolLotto Pooled Giveaway Platform & Protocol Whitepaper**  
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## **I. Overview**

SolLotto is the first decentralized, peer-to-peer giveaway system built on the Solana blockchain. Our plan is to operate a number of pooled giveaways compatible with various SPL tokens, offering convenience of entry to members of the Solana ecosystem. Our blockchain based protocols are designed to offer consumers greater transparency and choice compared to traditional lotteries in three primary ways:

1. Eliminating the need to trust traditional intermediaries.
2. Reducing administrative fees and expenses.
3. Creating meaningful differences in how the pool giveaways are structured.

A key aspect of the traditional lottery system is that a portion is reserved and donated to charity; this charitable element is an essential part in encouraging long-term participation. We believe by enabling a community-driven approach to effective altruism we can make the most impact globally. This is why we're introducing a lottery system that utilizes verifiable community-consensus to dynamically allocate the resources to the charity where the community believes they will do the most good each week.

Additionally, we believe our focus on supporting legitimate charities paired with an easy to use UI and seamless integrations with ecosystem partners will allow SolLotto to gain widespread adoption within the existing Solana community as "Solana's Lottery" and will allow us to play a role in the introduction and onboarding of new members to the community as well.



## II. Pooled Giveaway Protocols

SolLotto is developing a number of pooled giveaway protocols that we plan to deploy through our web app (SolLotto.io) as well as through direct integrations with select partners and their platforms.

**1. Traditional “Lottery” Model** (donate for a ticket, pick 6 numbers, vote for a charity, if your numbers match, you win).

**Example:** Alice wants to enter the next drawing for the traditional giveaway model. Alice purchases 1 ticket for 0.1 SOL and submits her favorite 6 numbers along with the charity of her choice.

**Case A:** The 6 numbers Alice picked do not match the winning 6 numbers. Another player’s ticket does match the winning numbers and receives the payout of the winners pool.

**Case B:** The 6 numbers Alice picked do match the winning 6 numbers. Since Alice had the only ticket which exactly matched the winning 6 numbers, she is entitled to the entire winner’s prize pool.

**Case C:** The 6 numbers Alice picked do match the winning 6 numbers. The 6 numbers Bob picked also matched the winning numbers. They both win (Winners Prize Pool / Number of Winners) from the total winners pool.

**Case D:** The 6 numbers Alice picked do not match the winning 6 numbers. In addition to this, no other players’ winning numbers matched either. The winners pool is rolled over into the next drawing (the charity pool is still distributed to the charity winner).

**2. Pooled Giveaway Model** (stake supported tokens, have a chance to win the prize pool generated from staking rewards based on how much of the staking pool you contributed).

**Example:** Alice wants to enter the next drawing for the pooled giveaway model. Alice stakes 1 SOL in the pool and receives a liquidity token representing her share. At the predetermined time of the drawing, the staking rewards generated from the pool are harvested; the winner is then chosen at random. Alice’s chance at winning is proportional to the amount she has staked in the pool. The amount of time Alice has staked her tokens in the liquidity pool additionally increases her chances at winning. Only one winner is chosen for the pooled giveaway model, if Alice is chosen she receives all of the rewards.

**3. Launchpad Model** (stake supported tokens, have a chance to win a prize pool donated by an up and coming Solana project).

**Example:** A new project in the ecosystem wants to engage the SolLotto community. After they have received approval for inclusion in the next drawing through a community voting process, they will be featured and highlighted as a limited-time exclusive giveaway. Alice wants to participate in this new launch. From an exchange, she purchases the token/coin native to the new project and stakes



those in the limited-time pool. In this example, Alice must stake 10,000 of the native tokens/coins to gain entrance into the giveaway. She can choose to stake more, however, only 1 ticket will be given per person. She also submits a vote for a winning charity while submitting her stake. Each entrant has an equal chance of winning. In this example, Alice was chosen at random to win the giveaway. She is entitled to the entire share of the winner's pool.

**4. Lifetime “Lottery” Model** (chances to win are increased by playing the traditional lottery model).

**Example:** Alice has made a single donation through the traditional lottery model, by default this gives her one chance to win in the lifetime lottery drawing. She is automatically entered into every drawing for the lifetime lottery so long as the lifetime lottery exists. For each additional donation through the traditional lottery model, she receives an additional chance to win the lifetime lottery. If/When Alice wins the lifetime lottery, all of her chances to win the lifetime lottery are removed and she starts back with one chance after her next donation through the traditional lottery.

**5. Fixed-Quantity Model** (only holders of the platform token are eligible to purchase a single ticket for each token held).

**Example:** Alice purchases SLOT, the revenue-sharing token with fixed quantity, from the SolLotto platform. Alice has the opportunity to purchase one ticket in the fixed-quantity lottery based on the total amount of SLOT she owns. If she owns 6 SLOT, and the price per entrance is fixed at 0.1 SOL, she can donate up to 0.6 SOL for 6 chances to win in that particular drawing. Only one winner is chosen for the fixed-quantity model, so if Alice is chosen she receives all of the rewards.

SolLotto will introduce these pooled giveaway models individually over time as the prize pool from the Foundation Rewards continues to grow. We plan on holding two drawings each week, on Wednesdays and Sundays at 12am GMT, utilizing a tamper-proof random number generator. In general the proposed payout schedule for all pools is as follows; 65% of the total prize pool is reserved for the “Winner’s Pool”, 30% is reserved for the “Charity Pool”, 4% is reserved for the SolLotto Foundation Rewards Pool, 0.6% is reserved for SLOT token holders, and 0.4% is reserved by SolLotto Labs for use in maintaining and developing the platform. The payout schedule will remain variable until the most effective allocation is determined. Eventually governance of the payout schedule as well as various other platform features will be transitioned into a community-decided model or DAO.



### **III. Charity Selection**

A key element in effective altruism is properly allocating resources when and where they are needed the most. We believe our community voting approach will result in a fair and efficient system, unlike any that currently exist today such as the traditional lottery. This presents a challenge and governance decisions in terms of what charities are considered to be legitimate and worthy of inclusion on the SolLotto platform. To solve this issue, initially we will be relying on third-party organizations who specifically verify and rank the effectiveness of charities. We plan to develop our own methods of determining the effectiveness of past charitable donations in order to expand the number of charities eligible for inclusion in the future.

### **IV. Purpose of the SolLotto Foundation**

The purpose of the SolLotto Foundation is to continuously increase the number of pre-vetted charities eligible to take part in our Charity Voting system. We do this by creating a team which manages and vets relationships with potential charities. Any fees generated from drawings and not already reserved for the SolLotto Rewards Pool or distribution to SLOT holders; will be paid to SolLotto Foundation staff for the continued development of the platform, it's charitable partners, and integrations with ecosystem services.

### **V: Governance & Tokenomics**

These are not covered in this version of the SolLotto whitepaper. We will amend this section as more information becomes available. We are currently working to determine the distribution structures and methods that best support the growth of a strong and healthy community.

