



DECENTRA-LOTTO

WHITEPAPER

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DECENTRA-LOTTO IS THE FLAGSHIP PRODUCT OF THE DECENTRA-ECOSYSTEM. AT A HIGH LEVEL, THE DECENTRALISED PLATFORM INCORPORATES A DEFLATIONARY TOKEN (\$DELO), A LOTTERY, AND A DEFLATIONARY OR "NO-MINTING" STAKING FARM.

INTRODUCTION

The mission of Decentra-Lotto is to offer a secure, fair, fun, and lucrative platform while appealing to different risk appetites by providing full-transparency and multiple ways to earn.

As such, the goals of Decentra-Lotto can be divided into three categories:

LUCRATIVE – EARNING MECHANISMS

TRANSPARENT – ACCESS TO ON-CHAIN DATA

SECURE – MULTIPLE AUDITS ON LAUNCH

Each of the above categories are broken down in greater detail in this whitepaper.

THE \$DELO TOKEN

The **\$DELO** (Decentra-Lotto) token is what fuels the ecosystem. It is a BSC (Binance Smart Chain) token and can be seen on BSCScan [here](#).

The token is also one of the mechanisms that fills the Lotto jackpot.

Every token transaction incurs a **8%** tax, distributed as follows:

- ♦ **1%** of every transaction is burned permanently. This is a “black hole” burn where tokens are permanently removed from existence, creating a steady deflationary ecosystem, increasing rarity and positively affecting price action. Any reflection yield the Burn address receives is also burned, making the **\$DELO** token hyper-deflationary with two burn mechanisms.
- ♦ **2%** of every transaction goes towards the Decentra-Lotto jackpot ensuring the jackpot always stays healthy and enticing, encouraging ticket sales.
- ♦ **1%** of every transaction is reflected to **\$DELO** holders as rewards for holding. This is a reflection yield mechanic and works to incentivise holding the token by providing passive earning potential. The Burn address containing burned tokens also benefits from reflection yield. Any reflection yield on the burn address is burned, thus making the **\$DELO** token hyper-deflationary with two burn mechanisms.
- ♦ **4%** of each transaction goes towards marketing funds and expansion of the Decentra ecosystem.

Of the initial supply, **11.5%** was allocated as team tokens and vested for one month to ensure investor confidence. **12%** was added to initial liquidity, **45.2%** was allocated to presale. **26.3%** was burned, **2%** was allocated to marketing, and 5% was allocated to upkeep, hosting and development costs.

THE LOTTERY

WINNING

There can be multiple winners of the lotto jackpot. The 1st winner receives **50%** of the total pot. The 2nd winner receives **25%**, the 3rd receives **12.5%** and so on until the jackpot is less than the price of 1 ticket (the minimum winning amount). This ensures that there are guaranteed winners, and every ticket has a higher chance of winning something, contrary to traditional lotteries.

Once the lottery deadline has passed, anyone can end the draw (decentralised), triggering Chainlink VRF to randomly generate a number which the Decentra-Lotto contract uses to draw the winners.

If you have won the lottery, you now have a choice to either hold your **\$DELO** to earn passively via frictionless yield, stake your **\$DELO** to earn a % of every ticket sale, or sell your **\$DELO** if you choose not to earn additional rewards.

******The Decentra-Lotto team does not control when a draw ends or the next draw begins – this is done by the first person to execute it and can be done by anyone, not only \$DELO holders. In this way, lottery draws are not centralised.

THE LOTTERY

HOW IT WORKS

There are two mechanisms that feed the lottery jackpot:

- ♦ **2%** of every transaction of the **\$DELO** token is sent to the lottery Jackpot.
- ♦ **5%** of every ticket sale is also used to expand the lottery Jackpot

These mechanisms ensure that the lottery jackpot will always be healthy, while also being sustainable long-term.

At the end of a draw, **2.5%** of the **\$DELO** jackpot will be swapped for **BNB**, paired with another **2.5%** of the **\$DELO** jackpot and added to liquidity on PancakeSwap. **5%** will also be added to the MegaDraw or rollover wallet for future mega-draws.

The proceeds from every ticket sale are used to purchase the **\$DELO** token, increasing buying pressure on the token, rewarding holders and creating positive price action. This creates a symbiotic relationship between the **\$DELO** token and the lottery. "The Ticket that Feeds the Token, The Token that Feeds the Jackpot".

The proceeds of each ticket are then distributed as follows:

- ♦ **25%** of every ticket purchase is divided amongst all stakers. All holders of **\$DELO** can stake the token in the dApp to earn this fee.
- ♦ **50%** of every ticket purchase is returned to the purchaser, ensuring everyone is a winner.
- ♦ **20%** of every ticket sale is allocated to platform marketing & buybacks.
- ♦ **5%** of every transaction is added to the current draw jackpot.

** Neither the Decentra-Ecosystem company, nor the team profit from any ticket sale – 100% of every ticket sale is allocated back into the platform making it truly decentralised.

STAKING

A SUSTAINABLE ECONOMY

Staking in Decentra-Lotto is done a little bit differently. Whereas many staking platforms implement an inflationary rewards system AKA minting, Decentra-Lotto implements a deflationary or no-minting staking rewards system.

What this means is that there can never be new tokens minted ensuring the **\$DELO** token value rises in price instead of falling, resulting in a sustainable rewards model. This is the reason why the APR cannot be calculated - it is variable as it is fully dependent on ticket sales & un-staking fees instead of minting at a predetermined rate. This has the added effect of encouraging stakers to promote lottery ticket sales, as that is the main source for staking rewards, incentivising users to work towards the same goals - the long term success of the platform.

Every time a user un-stakes, a **2%** fee is incurred and distributed to all stakeholders. Any time a lottery ticket is bought, **25%** of the ticket sale is also distributed to all stakeholders.

Every time this happens, it is called a "Round". A "round" is a term used to describe a rewards distribution event. You can see the current round in the dApp and watch as it increases in real-time as stakeholders are rewarded.

LUCRATIVE

As mentioned, there are multiple mechanisms to earn on the Decentra-Lotto platform, and each mechanism appeals to a different set of risk appetites.

Users can earn by:

Holding the **\$DELO** token to gain reflection yield. **1%** of every transaction is reflected to holders, passively increasing the number of **\$DELO** tokens in their wallet, offering a lower risk, earn over time option.

Entering and winning the lottery. If a user purchases a ticket to the lottery, they have a chance to be one of the winners for higher risk/higher reward option.

Staking **\$DELO** tokens to earn on every ticket sale. This mechanism allows **\$DELO** holders to lock or “stake” their tokens in the staking contract to earn a percentage of all ticket sales proportional to the amount tokens they have contributed to the total staking pool. The more tokens staked, the higher proportion of the ticket sale tax they will earn.

There are many other planned earning utilities, but on launch the above will be available.

TRANSPARENT

One of the goals of the Decentra-Lotto platform is to provide a fair and transparent platform. To achieve this goal, we are displaying as much blockchain data and statistics on-platform as is feasible in the lottery. In launch, the following data is viewable:

- ♦ Your new odds of winning at this point in time for the amount of tickets you have selected, were you to purchase them.
- ♦ The total jackpot in **\$DELO** and its current estimated USD value.
- ♦ The draw deadline.
- ♦ The odds each ticket has of winning.
- ♦ The numbers of winners (variable based on the size of the jackpot).
- ♦ The number of tickets in the current draw.
- ♦ The status of the current draw (Open – accepting ticket sales, Closed – not accepting ticket sales but not yet ended, Ready – Chainlink VRF has been called successfully and the Decentra-Lotto contract is ready to draw the winners).
- ♦ The number of tickets you have in the current draw
- ♦ Your winning odds for the current draw at this point in time based on the number of tickets you hold.
- ♦ Your total BNB spend this draw.
- ♦ The total number of tickets you have purchased for all draws.
- ♦ The total number of your previous wins.
- ♦ Your total win amounts.
- ♦ Each previous draw you have won, what winning position you came in, and how much you won in **\$DELO** and current estimated USD value.
- ♦ All previous winners of every previous draw, what position they came in, how much they won in **\$DELO** and current estimated USD value.

TRANSPARENT

For staking, a similar transparent approach has been taken, displaying the following data on-platform on launch:

- ♦ The total value locked in the staking contract.
- ♦ The withdrawal fee.
- ♦ The amount you have staked.
- ♦ Your pending reward.
- ♦ The current staking reward round.

Additionally, users can also see their current **\$DELO** balance in their wallet, what chain they are connected to, what address they are connected with (and a link to view that address on BSCScan), as well as the current estimated market value of the **\$DELO** token in USD.

SECURE

Every effort has been taken before launch to ensure investor confidence in the Decentra-Lotto platform. To this end, The contracts have been independently audited by two leading and trusted audit firms; **Certik** and **Solidity.Finance**. In order to ensure the Lottery draw is infallible, **Chainlink VRF** was used to generate randomness for the draw.



Certik Audit

The Token was audited by Certik post-launch, and the Lottery and Staking contracts were audited pre-launch:

<https://www.certik.org/projects/decentra>



Solidity.Finance Audit

The Token, Lottery and Staking solidity contracts are fully audited and passed by Solidity.Finance pre-launch:

<https://solidity.finance/audits/DecentraLotto/>



Chainlink

Chainlink VRF was chosen to generate the randomness for Decentra-Lotto as the industry standard for oracalised random number generation.

Chainlink is the most widely used and secure way to power universal smart contracts. With Chainlink, developers can connect any blockchain with high quality data sources from other blockchains as well as real world data. Managed by a global, decentralized community of hundreds of thousands of people, Chainlink is introducing a fairer model for contracts. Its network currently secures billions of dollars in value for smart contracts across the decentralized finance (DeFi), insurance, and gaming ecosystems, among others.

Chainlink is trusted by hundreds of organizations to deliver definitive truth via secure, reliable data feeds. To learn more, visit <https://chain.link/> and follow @chainlink on Twitter.

FUTURE PLANS

There are big future plans for this platform and its ecosystem already underway, including mega-draws, ticket gifting and e-cards, syndicate pools for a medium risk/reward option to enter the lottery, syndicate governance, ticket subscriptions to enter multiple draws in a single transaction, governance to vote on the mechanics of the lottery such as draw length, when to hold a megadraw, how large the megadraw should be based on the amount of **\$DELO** available and ticket sale distribution to name a few. There are also additional plans in the pipeline that are too early stages to mention yet in this version of the whitepaper.

LINKS

Website: <https://www.decentra-lotto.com/>

Platform: <https://app.decentra-lotto.com/>

Company: <https://www.decentra-ecosystem.com/>

Telegram: https://t.me/Decentra_Lotto

Contract: <https://bscscan.com/token/0xc91b4aa7e5c247cb506e112e7fedf6af7077b90a>

Buy: <https://pancakeswap.finance>

[financeswap?outputCurrency=0xc91b4aa7e5c247cb506e112e7fedf6af7077b90a](https://pancakeswap.finance?outputCurrency=0xc91b4aa7e5c247cb506e112e7fedf6af7077b90a)

Chart: <https://www.dextools.io/app/bsc/pair-explorer/0xc989c0e5d5035e689c129868944db9e091690875>

Liquidity Lock (100 Years): <https://app.unicrypt.network/amm/pancake-v2/pair/0xc989c0e5d5035e689c129868944db9e091690875>

Medium: <https://decentra-lotto.medium.com>

Docs: <https://docs.decentra-lotto.com/>

Github: <https://github.com/Decentra-Ecosystem/decentra-lotto>

Reddit: https://www.reddit.com/r/decentra_lotto/

Facebook: <https://www.facebook.com/DecentraLotto/>

Twitter: https://twitter.com/Decentra_Lotto

Instagram: <https://www.instagram.com/officialdecentralotto/>

YouTube: <https://bit.ly/3AFI97K>

Pinterest: www.pinterest.com/decentra_lotto

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