

LEPRECHAUNRUN



Whitepaper

Official Whitepaper for Leprechaun Run, the hottest Auto-Stake Protocol and P2E game around. Addicting P2E Game that will keep the users engaged and endless rewarding for the holders of the coin.

29.03.2022

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1. Introduction

1.1. Overview

Leprechaun Run is an exciting project developed in the BSC space. Leprechaun provides a decentralized financial asset that rewards users with a sustainable fixed compound interest model through the use of its unique LPR protocol.

The Leprechaun Auto-Staking Protocol (LPR-AP for short) is a new financial protocol that makes staking easier, more efficient and awards **\$LPR** token holders the highest stable returns in crypto.

Leprechaun Protocol gives the Leprechaun token automatic staking and compounding features, and the highest Fixed APY in the market at **648,000%** for the first 12 months. Leprechaun is a company focused on Defi innovation that creates benefits and value for Leprechaun token holders.

Together with an already developed attractive P2E game, the leprechaun team tends to offer its investors base various opportunities on creating profits through investing and playing.

1.1. Competitive advantages of the LPR Contract

Our LPR protocol that is used within the Leprechaun token grants exceptional benefits for holders of \$LPR:

Low Risk with the Leprechaun Insurance Fund - 5% of all trading fees are stored in the Leprechaun Insurance Fund which helps sustain and back the staking rewards by maintaining price stability and greatly reducing downside risk.

Easy and Safe Staking - The Leprechaun token always stays in your wallet, so it doesn't need to be put into the hands of a 3rd party or centralized authority. All you need to do is buy & hold as you automatically receive rewards in your own wallet so there's no more complicated staking processes at all.

Interest Yield with Automatic Payments - You don't need to worry about having to re-stake your tokens. Interest yield is paid automatically and compounded in your own wallet, guaranteeing you will never miss a payment.

Highest Fixed APY - Leprechaun pays out **648,000%** in the first 12 months which rivals anything in the DeFi arena to date. After the first 12 months the interest rate drops over a predefined Long-term Interest Cycle period.

Rapid Interest Payments - The Leprechaun Protocol pays every Leprechaun Token holder every 6 minutes or 240 times each day, making it the fastest auto-compounding protocol in crypto.

Auto Token Burn - One of the exciting features of the Leprechaun Protocol is an automatic token burn system named “**ROTTEN POT**” which prevents circulating supply getting out of hand and becoming unmanageable. The ROTTEN POT burns 2.5% out of all Leprechaun Token market Aales and is burned in the same individual transaction.

2. Auto-Stacking Protocol Contract

2.1. Contract Fundamentals

The LPR-AP uses a complex set of factors to support its price and the rebase rewards. It includes the **Leprechaun Insurance Fund** which serves as an insurance fund to achieve price stability and long-term sustainability of the Leprechaun Protocol by maintaining a consistent **0.01014041149%** rebase rate paid to all \$LPR token holders **every 6 minutes**.

The Leprechaun development team has coordinated all these elements together, so they work seamlessly behind the scenes. The result is a simple and elegant staking and rewards system for LPR holders.

2.2. How does Auto-Staking work?

The LEPRECHAUN Protocol Auto-Stake feature is a simple, yet cutting-edge function called **Buy-Hold-Earn**, that provides the ultimate ease of use for \$LPR holders.

Buy-Hold-Earn - By simply buying and holding \$LPR token in your wallet, you earn rebase rewards as interest payments directly into your wallet. Your tokens will increase **every 6 minutes**.

Using a Positive Rebase formula, Leprechaun makes it possible for token distribution to be paid directly proportional to the epoch rebase rewards, worth **0.01014041149%** every 6-minute epoch period of the total amount of \$LPR tokens held in your wallet. The rebase rewards are distributed on each EPOCH (6 minute rebase period) to all \$LPR holders.

This means that without moving their tokens from their wallet, LPR holders receive an annual compound interest of 600,000% for Year 1.

2.3. Leprechaun Insurance Fund (LPR-IF)

Leprechaun Insurance Protocol is the acronym for the Leprechaun Insurance Fund which is a separate wallet in Leprechaun's system. The LPR-IF uses an algorithm that backs the Rebase

Rewards and is supported by a portion of the buy and sell trading fees that accrue in the LPR-IF wallet.

In simple terms, the staking rewards (rebase rewards) which are distributed every 6 minutes at a rate of **0.01014041149%** are backed by the LPR-IF parameter, thus ensuring a high and stable interest rate to \$LPR token holders.

5% of all trading fees are stored in the Leprechaun Insurance Fund which helps sustain and back the staking rewards provided by the positive rebase.

LPR-IF Keeps holders safe by:

- Avoiding flash crash through price stability
- Achieving long-term sustainability and future growth of the Leprechaun Protocol
- Greatly reducing downside risk

2.4. Rotten POT

2.5% of all \$LPR traded are burnt in **The ROTTEN POT**. The more that is traded, the more get put into the fire causing the fire pit to grow in size, larger and larger through self-fulfilling Auto-Compounding, reducing the circulating supply and keeping the Leprechaun protocol stable.

The other benefit to an everlasting burn of circulating supply is that due to the deflationary nature of it, equates to a higher value of each \$LPR token, therefore increasing the individual value.

2.5. Leprechaun Auto-Liquidity Engine (LPR-ALE)

Market Liquidity is of utmost importance and plays a vital role in allowing the buy & sell of \$LPR tokens on PancakeSwap.

In layman's terms, think of Liquidity as a big pool of money that is split 50/50 between \$LPR tokens Vs \$BNB tokens. There is a conversion ratio that is set to the amount of \$LPR you can get with BNB, for example: 1 BNB =565 LPR.

When somebody buys LPRS, the price per LPR will go up and the ratio above will also change at the same time to account for this. The same goes in the opposite direction for sells.

Liquidity allows for anybody to buy & sell their LPR/BNB at any time, however the less money/liquidity there is in the pool, the worse price you get so what our LPR Auto-Liquidity Engine (LPR-ALE) does, is add more liquidity to that pool by itself and therefore solving that issue.

2.6. How does the LPR Auto-Liquidity Engine (LPR-ALE) work?

Every 48 hours our LPR Auto-Liquidity Engine (LPR-ALE) will inject automatic liquidity into the market. On each buy or sell order there is a **4% tax fee** that automatically gets stored into an Auto-LP wallet and built into our protocol's smart contract is the mechanism which smartly takes the 50% of the amount of LPR stored in the wallet and will **automatically** buy BNB at the current market price.

The remaining 50% of LPR in the Auto-LP wallet will be used for the LPR side of liquidity, therefore giving equal an 50/50 weighting of LPR/BNB which will then be **automatically** added as new, additional liquidity into the market pair and raising the amount of liquidity in the pool.

The LPR-ALE will do this **every 48 hours** by adding more and more liquidity to the pool which will allow LPR token holders to easily sell their tokens at anytime with little to no market slippage. It will also aid in **maintaining protocol stability** to make sure the APY is upheld for the entire life of LPR.

2.7. Fixed APY

APY stands for Annual Percentage Yield. This measures the real rate of return on your principal amount by taking into account the effect of compounding interest. In the case of LPR, your LPR tokens represent your principal, and the compound interest is added periodically on every Rebase event (Every 6 minutes), otherwise known as an 'Epoch'.

Your new principal amount is your then current LPR token amount, plus your new rebase token amount. This total amount is what gets calculated for your next rebase rewards.

The Power of Compound Interest - It is important to note that your balance will grow not linearly but exponentially over time. Taking a compound interest of **0.01014041149%** / 6 minutes:

EXAMPLE 1: *If you started with a balance of only 1 LPR on day 1, after a year, your balance will have grown to **648,000** LPR.*

EXAMPLE 2: *If you started with a balance of only \$1,000 on day 1, after a year, your balance will have grown to **\$6,480,000.***

2.8. How the APY is calculated?

Simple Interest Equation (Principal + Interest)

$A = P(1 + rt)$ Where:

- A = Total Accrued Amount (principal + interest)
- P = Principal Amount
- I = Interest Amount
- r = Rate of Interest per year in decimal; $r = R/100$
- R = Rate of Interest per year as a percent; $R = r * 100$
- t = Time Period involved in months or years

From the base formula, $A = P(1 + rt)$ derived from $A = P + I$ and since $I = Prt$ then $A = P + I$ becomes $A = P + Prt$ which can be rewritten as $A = P(1 + rt)$

Note that rate r and time t should be in the same time units such as months or years. Time conversions that are based on day count of 365 days/year have 30.4167 days/month and 91.2501 days/quarter. 360 days/year have 30 days/month and 90 days/quarter.

Simple Interest Formulas and Calculations:

A = the Final Investment Value, using the simple interest formula: $A = P(1 + rt)$ where P is the Principal amount of money to be invested at an Interest Rate $R\%$ per period for t Number of Time Periods. Where r is in decimal form; $r=R/100$; r and t are in the same units of time.

The accrued amount of an investment is the original principal P plus the accumulated simple interest, $I = Prt$, therefore we have:

$A = P + I = P + (Prt)$, and finally $A = P(1 + rt)$

- Calculate Total Amount Accrued (Principal + Interest), solve for A o $A = P(1 + rt)$

- Calculate Principal Amount, solve for P o $P = A / (1 + rt)$
- Calculate rate of interest in decimal, solve for r o $r = (1/t)(A/P - 1)$
- Calculate rate of interest in percent o $R = r * 100$
- Calculate time, solve for t o $t = (1/r)(A/P - 1)$

Example:

P = (Principle + Interest) = \$1,000

A = (Total Accrued Amount) = \$6,480,000

3. The Game

The Play to earn game is created to bring joy and earning to its community. The simplicity of the game makes it attractive in a way that all the holders of the leprechaun run token will be able to play the game not only from their computers but also on their phones as it will be available on IOS and android.

3.1. The Story

The legend has it that leprechauns are fairies about three feet tall. They are bearded persons wearing a suit who are believed to be shoemakers who spend most of their time fixing shoes so when the leprechaun is near you can hear the tap-tap-tapping of their tiny hammer as they drive nails into shoes. Still, they are known to enjoy playing tricks on people. Each one of them has a pot of gold and they must give the treasure to the ones who will capture them. They are so quick that if you blink just once they can vanish and take their treasure with them.

Our leprechaun was wandering into the woods as he saw a group of hideous monsters making a great fire. The little trickster heard the monsters growling and talking so not being able to escape his nature decided to try and trick the monsters. As he was slowly approaching these horrible creatures one of them turned around abruptly and caught the little fairy. The fairy unable to escape was forced to give them his small treasure. As the Monsters were not interested in the Gold, they scattered all over the place.

The leprechaun was destroyed as his most precious belonging was lost and he was not able to protect it. Angry at the monsters he tapped his shoes, and a hideous noise was becoming louder and louder. The tap was driving the monsters crazy.

Now you will face the anger of my people! – said the little guy.

The noise was getting so unbearable that the monsters run away cursing the little fairy swearing that they will come back for revenge. The leprechaun released himself from capture and made his life mission to collect all the gold the monsters had scattered all over the place. Still, the monster would do everything to capture the little fairy again, so he must go through the most dangerous woods, collecting his gold coins and making his treasure whole again. Will our leprechaun manage to do that without getting caught by the monsters?

3.2. The Gameplay

- The game itself is created with the character of the leprechaun. The leprechaun needs to run and jump barriers, obstacles and avoid the monsters and at the same time collect as much as possible from his lost golden coins. So, every player needs to guide the fairy towards the end of the levels, **if you're lucky, you might get a clover, which is fairly rare and completely random within the game and will offer you x2 of the coins you'll get if you finish all three levels.**
- Players can play the Classic P2E version which contains 3 Levels. To do so the player needs to buy with LPR the in-game coins. To Earn the player needs to finalize all three levels.
- The PVP is a version where you can play against friends. Several coins will be added to the pot of the leprechaun from both sides and the winner takes it all.
- Tournaments are the last version which it can be played in leprechaun run. The team intends to hold weekly and monthly tournaments where the players with the highest scores will enjoy amazing giveaways in tokens, stable coins, boosters, or NFTs.
- Leprechaun run was created to make investing fun. The play-to-earn game is simple in its core enough to make it enjoyable no matter the gaming capabilities an investor has. You can practice and play on your own, participate in tournaments or spend more time with fellow investors.

3.3. The Boosters

To make the game more approachable and give some support during the game there are packs of boosters that can be purchased and increase the possibility to earn.

There are three main boosters. Every booster can be purchased for every level.

- The hearts will give extra lives to the player.
- The shield will protect the leprechaun from monsters or obstacles.
- The magnets will collect every possible coin to increase the score at the end.

3.4. The NFTs

The game will be combined with three kinds of NFTs which are created based on the boosters. The holders of the NFTs will have unlimited amounts of boosters which will increase their chances to outperform other players and increase their earnings on the PvP and tournaments. A limited amount of NFTs will be able to be purchased every month which will be extremely limited and be adapted to the holder's number.

3.5. The Economics of the Game

There will be three levels in all. Each level has a certain number of in-game coins to acquire. As you go through the levels, the number of coins you receive rises, as do your winnings. Remember that you have to finish all three levels in order to win.

Earnings possible on Level 1 = 400 coins = \$2.00

Earnings possible on Level 2 = 600 coins = \$3.00

Earnings possible on Level 3 = 1000 coins = \$5.00

Total in Game coins: 2000 = \$10

Each time you start the P2E game, you'll pay \$2 LPR (= 400 coins).

You can only play up to 3 times per wallet every 24 hours, but you can use multiple wallets for each account provided that each wallet holds a minimum of 100 LPR tokens.

Minimum withdrawal is 10,000 in-game coins (\$50) and the maximum is 20,000 in-game coins (\$100).

You can only submit a withdrawal request once every 24 hours.

Withdrawal request would be approved RANDOMLY. This is to ensure that people don't cash out in big amounts in one go which would affect the game rewards/payouts.

4. Tokenomics and Allocations

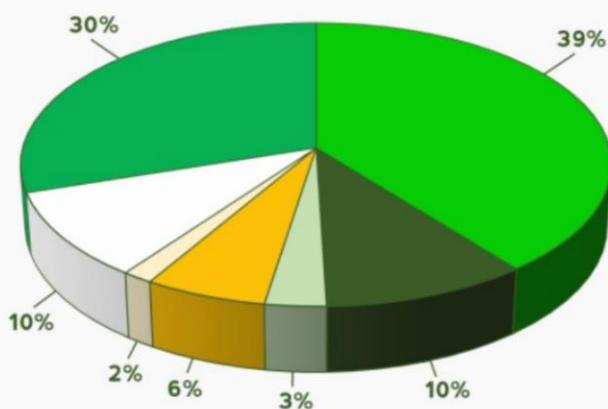
4.1. LPR Buy and Sell Fees

LPR buy and sell fees are an important component of the AAP. They provide capital for performing critical functions to the protocol.

Other protocols utilize selling bonds to support the same functions as LPR fees, but we believe that approach is riskier because if bonds are not purchased, the token can lose its support and spiral downward in price as we have seen with several of these bond-based protocols.

Selling bonds also costs token holders. It reduces the amount of APY that can be offered and eliminates the ability to offer a stable APY.

The amount of the fees (15% for buys and 17% for sells) allows LPR to provide LPR holders with the stable high yield of **648,000 %** annually.



- Tokens for Presale Pool: 39%
- Tokens for Private: 10%
- Tokens for Airdrop: 3%
- Tokens for Team: 6%
- Tokens for Advisor: 2%
- Tokens for CEX: 10%
- Tokens for P2E: 30%

Initial Liquidity locked for 6 months.

Trading Fees Explained:

***LP** - Trading fees goes to backing the liquidity of the BNB/LPR pair on Pancake-Swap ensuring an ever-increasing collateral value of LPR.

****LPR-IF** - Trading fees are stored in the LPR Insurance Fund which helps sustain and back the staking rewards provided by the positive rebase.

*****Treasury** - Trading fees go directly to the treasury which supports the LPR-IF and provides a marketing budget for LPR and funds new product development.

******ROTTEN POT** - 2.5% of all LPR traded are burnt in the ROTTEN POT. The more that is traded, the more get put into the fire causing the fire pit to grow in size, larger and larger through self-fulfilling auto-compounding which in return acts to reduce the circulating supply of LPR and keeping the LPR protocol stable.

4.2. Allocations

TAX ALLOCATION



Buy

15% Slippage

4% Liquidity Pool



5% Insurance Fund



3.5% Treasury



2.5% Rotten Pot



Sell

16% Slippage

4% Liquidity Pool

5% Insurance Fund

4.5% Treasury

2.5% Rotten Pot

5. Roadmap

- Website Development
- Whitepaper Documentation
- Build Phase - Smart Contract
- Build Phase - dApp V1 Dashboard
- Deployment Phase - Smart Contract - Testnet
- Solidity Finance Audit
- Deployment Phase – Smart

Contract Deployment – Mainnet

- Deployment Phase - dApp V1 Dashboard
- Initiate and Promote Discord

Community

- PR Marketing
- Bounty Campaign
- Pre-Launch Marketing
- Presale Launch on Pinksale
- PinkLock Liquidity Locked 6 months
- Twitter Marketing Campaign
- YouTube Marketing Campaign
- CoinMarketCap Listing
- CoinGecko Listing
- Dextool's Trending
- Launch of Leprechaun Run Alpha Version WEB Before Launch!
- Development Mobile
- Full game Available iOS and Android store's on Launch
- Launch of Leprechaun Run NFT Booster Packs!
- Play2Earn website Listing's
- DappRadar Listing
- Airdrop Campaign
- SEO

6. About

6.1. Team

The Team is created from more than 8 individuals. Each one of them with a specific set of talents that is helping the project to reach its potential. The team is highly focused on creating a friendly image and making investing as approachable and enjoyable as possible no matter age or ethnicity by a simple P2E game and one of the best contracts in the crypto space with a fixed APY which will generate steady income to every holder.

“The reason I created Leprechaun run is to create once again a friendly space where we all invest and win by getting bigger. I want everyone to feel like they belong by being investors searching for a wise investment opportunity or by playing the most addictive P2E” – **Patrick**

“Being part of leprechaun run and creating it together with the team makes my position twice as much fun. The thought which was put behind developing the project and the milestones we have created will definitely bring a lot of smiles out there so that makes me more than excited to show it to the world and talk about it , how it was created and what it to come. “– **Orla**

“We are honored to have secured outstanding partnerships and also getting the best marketing teams out there to support us. We have been working on a marketing strategy for a while now and we are prepared to go above and beyond.” – **Aiden and Brandon**

“ There is nothing more exciting than managing the social accounts of a game. The creativity is enabled, and we are ready to late this little fairy to take over the world” – **Emily**

“ We are three as the best things come in three. We are ready to manage the best community yet to be created” – **Community managers**

6.2. Mission

The mission of this project is to create an investment opportunity that is fair to every trader out there. By being part of the Leprechaun Run movement all our members will be able to play, win, earn, stake, increase and enjoy the most attractive environments to be created from a project.

6.3. Vision

Leprechaun run sees itself as the first game which comes with a completely created utility that will be able to be played in the future by everyone and everywhere. Creating a friendly community where everyone will be welcomed and be able to play with friends, exchange thoughts and be part of unique activities created for the community.

7. Private and Presale

7.1. Private Sale

Goal: 100 BnB will be raised to provide enough Marketing Funds.

Private Sale Price – 1 BNB = 652.000 LPR

Presale Price – 1 BNB = 593.000 LPR

7.2. Presale

Soft Cap – 125 BNB

Hard Cap – 250 BNB *(If Hard Cap is not reached, remaining tokens will be burnt in ROTTEN POT).

Minimum Purchase – 0.1 BNB

Maximum Purchase – 2.5 BNB

Presale Price - 1 BNB = 593.000 LPR

PANCAKESWAP LAUNCH

PancakeSwap Launch Price - 1 BNB = 565.000 LPR

NO EXTRA MINT OR HIDDEN TOKENS - The LPR smart contract has **NO** ability to mint extra tokens nor can the supply be manually increased or used in an artificial way to change the initial supply by awarding ourselves free tokens. The initial supply is **648 000** tokens only (please see the breakdown above).

NO RUG PULL - Liquidity will be **locked for 6 MONTHS** via PinkLock. (This means that you as a token holder will **ALWAYS** have the freedom to buy/sell whenever you like without restrictions or complications - your tokens that you buy are yours and remain in your wallet always and are never 'locked').

NO BOTS - All front run and sniper **bots will be instantly blocked** by the LPR smart contract by the blacklist feature. Our smart contract cannot block normal wallets, only contracts i.e. bots.