



WHITEPAPER PARKSTAR

DAPP - GAME - ECOSYSTEM

what is PARKSTAR and how does the ecosystem work?

The Parkstar ecosystem consists of the Parkstar APP, Parkstar Game and the project token.

The application connects the B2B platform for individual parking space use with the Blockchain technology.

The users of the app can offer their parking spaces via the APP and pay with crypto currency.

The Parkstar token is not just a means of payment but also a reward system for the users. A lot and good user behavior is rewarded with the ecosystem token. But there are also many other advantages within the application that make use of the PST token attractive.

PST protokoll is a decentralized finance (DeFi) token. According to the Parkstar website.

PARKSTAR has two functions that take place during each trade:

- Buy = 3%,
- Sell = 3%

PARKSTAR helps with an everyday problem that every driver knows.

How PARKSTAR and the Distribution Algorithm Works

PARKSTAR Protocol aims to solve the problems of prior cryptocurrencies including mining rewards, farming rewards, and liquidity provisioning. Mining equipment can be both costly and harmful to the environment, but mining remains of interest due to the opportunities afforded by it. As an easy alternative to mining rewards, we propose allowing users to participate in a smart contract token reflection to produce tokens inside their own wallet. Another challenge remains to facilitate and maintain liquidity on decentralized exchanges. By nature, decentralized exchanges require liquidity for user participation, thus the responsibility is on the developers to provide it.

Historically, developers created incentives aimed at users to provide liquidity which can be outweighed by risk due to the subjectivity of impermanent loss. As a solution, we propose utilizing a smart contract function to automatically capture liquidity to be used on the decentralized exchanges and held in custody independent from user possession. Additionally, a smart contract that provides the capability to burn tokens can promote scarcity by reducing the total supply.

Together, the combination of these tokenomics may afford far superior benefits for the community within the decentralized venue. Allowing these functions to be amplified and dependent on volume provides an ideal incentive to expedite adoption and foster new use cases.

www.parking-star.com



Introduction

Decentralized finance is made possible by using decentralized exchanges in collaboration with liquidity pool smart contracts. For any token on the smart chain to have an availability to be swapped on a decentralized exchange, it must have an available liquidity pool of tokens for swapping. The challenge remains on how to properly incentivize users to keep such liquidity pools maintained.

Recognizing this, developers have attempted to satisfy these conditions by using various tokenomic structures with incentives for the user to supply liquidity into the pools. An automatic liquidity acquisition can be featured as an alternative solution compared against the traditional “farming reward” structure.

An automatic liquidity acquisition function where users are offered rewards (via reflection) in lieu of traditional farming rewards. These reflections would act to distribute tokens proportional to volume, and could thus provide a more reasonable incentive for holding. Although reflection and automatic liquidity acquisition may contribute to stability, an inherent burn which can achieve token scarcity with a depreciating token supply.

The combination of these tokenomics seeks to eliminate the flaws of various predecessors while providing useful incentives for use case and adoption. Effectively, any application that is added with these smart contract functions could have the effect of amplifying PARKSTAR tokenomics

Automated Liquidity Acquisition

We understand that liquidity is crucial in any trading environment. By definition, decentralized liquidity is simply the accessibility of tokens operated and controlled by a smart contract--hosted by a decentralized exchange.

Historically, market makers have been used to provide a service for buyers and sellers on traditional order book exchanges for a better user experience. The main function of these market maker services was to fill buy and sell orders promptly and reduce overall market volatility caused by large orders. However, traditional order books have long been outdated by newer technology, and have been replaced by liquidity pools in a decentralized venue. Just as market makers are compensated for providing a service in the order book environment, proper incentives for adding liquidity are a key factor in any decentralized environment.

Problems arise when the liquidity pool provider loses the incentive to add tokens into the pool, which occurs after the token pair is subjected to impermanent loss resulting from arbitrage. As a solution, Liquidity can be taken as a function of the smart contract using market activity from all swaps and transfers.

A portion of these swaps and transfers will be captured by the smart contract and utilized with the function: “_swapAndLiquify”. For this to happen, the portion of the 3% fee from swap and transfers can be kept in a standalone pool within the contract itself and automatically converted to the liquidity pool after the token count reaches a threshold, set at 10 million tokens. Liquidity is then managed by the contract as it is sold and paired accordingly thereby alleviating the users from having to subject themselves to any impermanent loss scenarios.

Large liquidity pools act to decrease the volatility of the swap impacts against the overall available supply. Therefore, as the token matures, the auto-liquidity can be attributed toward an ever growing market stability capable of absorbing large market activity.

Token Reflection

Traditional mining is both costly and inconvenient for the user. Frictionless, static reflection rewards accrue by simply holding your tokens, and features an innovative hold-farming reward structure that stands out from conventional poolfarming rewards. The idea behind this function is to eliminate token dependencies that have created problems in the past, including, but not limited to:

- Pooling funds in unverified 3rd party smart contracts;
- External website interfaces;
- Transaction fees needed to claim rewards.

Earlier models of decentralized finance tokens such as pool farming are costly and rely on user action to manually compound rewards. As a solution, we propose the utilisation of a compounding reward structure that requires no additional fees in a smart contract function, also known as token reflections.

To achieve this, reflection must happen without cost or impact to the user. Considering the static rate of reflection set at 1%, the volume of market activity will directly impact the quantity of token reflection based upon the percentage of tokens held by the user relative to the overall supply. With the “_excludeFromReward” function enabled for individual addresses, accounts such as exchanges, hot wallets,

dapps, etc. can be excluded from token reflection, thus granting more rewards to individual holders.

A little illustration from everyday life...

"Look, he's driving in circles for the fifth time now and can't find a parking space. When we go out we'll sell ours for \$10"

You've probably already said that or something similar to your partner or thought about it in a self-dialogue. The question is, why not?!

The information when and where a parking space becomes free can really be useful for everyone.

Especially in metropolitan areas and large cities, you spend an unnecessarily large amount of time looking for a parking space, and not everyone can afford a private parking space, garage or underground parking space. Apart from that, so many individual parking spaces would not be feasible in terms of space.

Example:

You are downtown, having dinner with your friends at your favorite restaurant. You know that you will be finished in the next 15 minutes and that you will drive your car home again.

You share this information on PARKSTAR and give the location of the car and the time when the parking space will be free. This can now be purchased by anyone looking for a parking space in the region. For this he pays a price that you have agreed on.



What happens now? Very easily.

All PARKSTAR users register with their personal data in the portal.

However, this also includes the motor vehicle or vehicles that you use, including license plates. Why? It serves to identify the two partners.

You are now coming to your car. The buyer of the information is already waiting.

They wave friendly, recognize the car (black Tesla, license plate number XXX 1234), get in and drive off. The searcher drives in and has saved himself a lot of time and nerves.

Another example:

You drive a special car and would like to reserve a parking space close to where you plan to stay. You know from experience that this is particularly difficult at this location. You simply use Parkstar and can therefore check any free capacities in advance and save yourself a lot of time, since a long search is no longer necessary.

You have a parking space or garage and are on holiday by car for the next two weeks.

You do not need the parking space, but you know that there are many people in your area who need one, e.g. as commuters. Simply rent out the parking space for this period of time and take advantage of the opportunity to earn additional income.

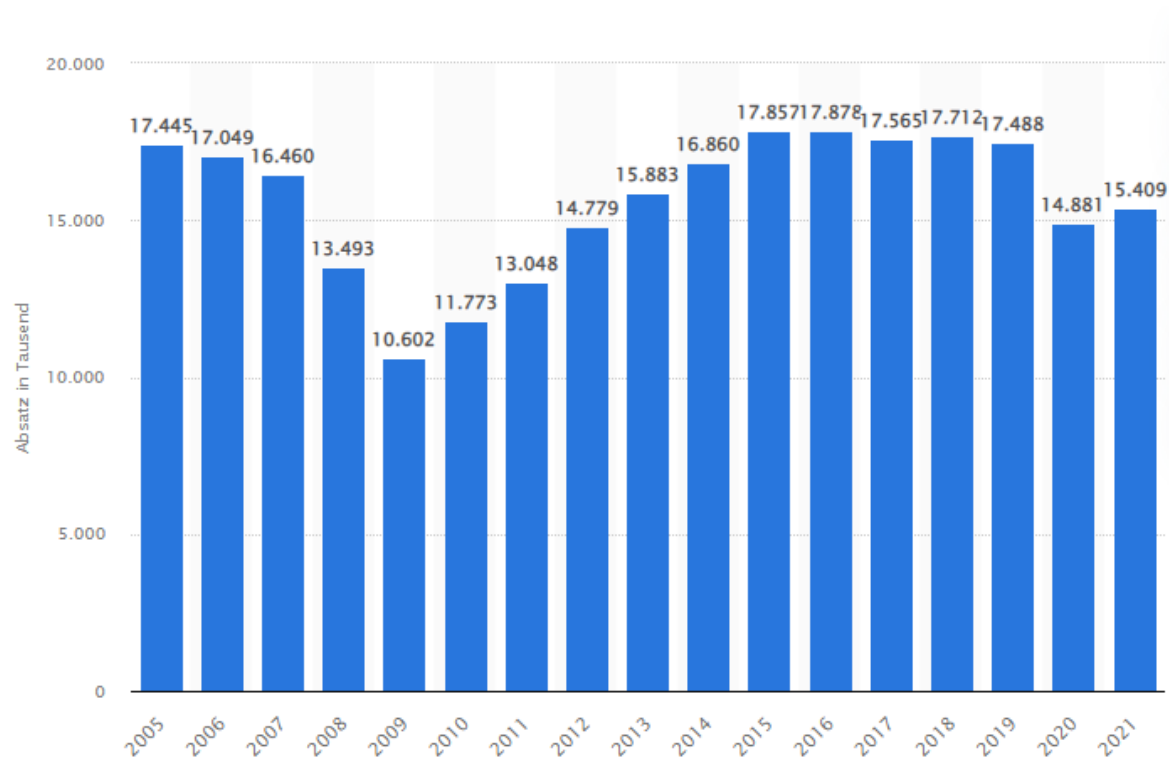
How does PARKSTAR work?

The use of the APP is basically free of charge.

The sale of information takes place in the B2B sector
Transaction and payment takes place via payment services.



Total vehicle sales in the United States from 2005 to 2021 (in 1,000 vehicles)



This statistic shows the sales of motor vehicles (passenger cars; light trucks; medium and heavy trucks) in the USA from 2005 to 2021. In 2021 around 15.4 million motor vehicles were in demand in the United States.

A very large part of it is spread over the big cities.

This increases the demand for parking space, which cannot grow continuously because land is finite.

In this context, large cities try to use and distribute the scarce parking space ideally.

The PARSTAR app can now also make its economic contribution here and conserve scarce resources. Thanks to the integrated payment option with Cryptocurrency (PST), this sector now also makes its individual contribution and the technology helps to process quick payments individually.

Of course you can pay with any cryptocurrency because it is a B 2 B system.



How does the PARKSTAR ecosystem work?

In addition to pure trading, the PST token is also supported by the app functions. For each setting and transfer of parking spaces, you will receive a bonus in PST transferred to your virtual wallet. Once you have saved a certain amount, you can have this paid out to your own wallet.

The distribution system works as follows:

The provider of the parking lot is posting the offer.
The requester accepts this successfully.

Both confirm the conclusion.
Now they both get 0.25 PST credit.

From a PST amount of 5, you can have this paid out or use it to unlock additional app options.

This is financed via the integrated Liquidity Protocol, with each purchase or sale storing 3% of the sum as LQ in the protocol until a total of 10% of the total current assets are stored (10,000,000 PST tokens). The respective reward is then paid from this pool.

Thanks to the reflection protocol, every owner of the PST token is also rewarded for their loyalty and receives a share for every transaction (3% reflection), which varies depending on the size of the wallet.



What is the goal of PARKSTAR?

In a world that is constantly expanding and new technologies are emerging, it is always important to combine these with each other in order to achieve the greatest possible benefit.

Since private transport continues to increase and space for use is limited, especially in metropolitan areas, innovative solutions must be found to make the best possible use of this scarce commodity and distribute it according to economic rules.

The app makes an innovative contribution here to efficiently counteract the existing problems. Using blockchain technology and direct exchange between the people involved in the B2B platform area, action can be taken quickly and in a goal-oriented manner.

PARKSTAR token thus provides added value for society, but also makes a major contribution to the liberalization and acceptance of crypto technology in the area of application.

In the long term, PARKSTAR [PST] should establish itself on the market and grow with its ecosystem. Further new innovative applications will supplement the existing protocol and grow with further cooperation partnerships.

individual parking solutions and concepts

information provision

parking assistance

transparency

Fast search, fast result

Avoid unnecessary driving around

Avoid expensive parking fees

Tokenomics

**TOKENOMIC'S**
PARK STAR >>PSTAR<<

Fee / Tax
Buy = 3%
Sell = 3%

1% refi / 1% liquidity / 1% ecosystem

